



Manart-Hirsch

C O M P A N I E S



*Suppliers To The Manufacturers
of Marine, Awning & Industrial
Canvas Products*

CATALOGUE MANART-HIRSCH COMPANIES

CATALOGUE MANART-HIRSCH COMPANIES



TO OUR CUSTOMERS...

Our Customer is a person who brings us his or her needs, and it is our obligation to fill them in a profitable way for all of us. We realize that we need you, and that by favoring us with your business, you are telling us that you are happy with our relationship. This we appreciate. However, there are times where a customer will be dissatisfied, whether due to us or any other reason, so in order to help stop misunderstandings, there are a few "Business Ground Rules" that you should know.

TERMS OF SALE

All merchandise in our catalog is subject to sale and price changes. Prices are quoted F.O.B. shipping point, unless otherwise indicated. Payments to us are on the basis of United States funds at par.

MINIMUM ORDER.....\$50.00

and the following credit cards: VISA, MASTERCARD, DISCOVER AND AMERICAN EXPRESS.

Terms: Net 30 days to rated accounts or C.O.D. and



CLAIMS & SHORTAGES

Claims for shortages or defective merchandise must be made within 5 days after receipt of goods before they are cut or manufactured. If defects do occur, please do not replace or repair, as we assume no liability beyond replacement of the defective merchandise. This is in line with regular manufacturing policy. Claims cannot be allowed for consequential labor or repairs that are incident to the use of, installation or removal and replacement of defective merchandise.

SHIPPING INSTRUCTIONS

Customers routing instructions will be followed, however if routing is not indicated by the purchaser, we will ship by United Parcel Service or most available common carrier. We cannot be held responsible for non-delivery of merchandise due to circumstances beyond our control, such as strikes, fires, or transport problems.

DELIVERY

Items in this catalog are in stock for immediate delivery unless otherwise noted. Some items are not stocked in both Lynbrook, N.Y. and Pompano Beach, Florida warehouses. Where this is the case, the price sheet will note which warehouse stocks the item. If the office you are doing business with does not stock a particular item, they will promptly order it for you.



A LITTLE BACKGROUND ABOUT OUR COMPANY

Manart was originally formed in the early 1900's by two brothers, Manuel and Arthur, from which the name MANART came to be. The company converted and distributed all types of fabrics for the marine, awning and industrial industries.

During World War II, Manart was one of the largest suppliers of cotton duck to the United States government. During and after the war, Manart was a major supplier of wind sails to most of the American oil companies for their oil tankers. The wind sails were fastened to the masts funneling fresh air down into the tanker's hold clearing out deadly fumes and preventing explosions. Of course this was before the advent of today's super tankers which are carefully air-conditioned.

Our chairman, Edwin R. Hirsch, joined the firm as a salesman in 1950, adding many new items for the marine trade including hardware, fasteners, zippers, etc. to already existing lines. In 1970, after the two partners had passed away, Mr. Hirsch, who had become president of the firm, added his name to the company and formed Manart-Hirsch Co., Inc. A short time later Mr. Hirsch's two sons, Ronald and Richard joined the firm.

In 1975 our Florida location was opened bringing our complete line of marine fabrics, hardware and supplies closer to the extensive southern marine market.

And now Richard's sons Geoffrey and Jeremy have become an integral part of the day to day operations.

Over the years we have become direct importers and manufacturers of such items as clear, flexible roller vinyl for boat windows, stainless steel boat top hardware, adjustable marine mooring poles, marine keder welt and numerous other products. We also convert our own Aqua-View 54"x110" press polished flexible vinyl sheets for boat windows, Arcybind acrylic binding, boat duck, Mermaid dacron cover cloth, etc. This helps us to control our quality and to keep our pricing at the lowest possible level for each particular product.

Glen Raven Mills, Scovill Dot, YKK, Marchem CFI, Herculite, Stimpson, Ferrari-Stamoid, Haartz and Strataglass are just a few of the many major companies whose quality brands we distribute.

Our family is very proud that Manart ranks as one of the nation's leading distributors to the marine canvas manufacturing trade along with the awning and recreational industries, serving not only the United States but Canada, Europe, South America, Asia and the Middle East.

Whether you are a 2 person shop or a production manufacturer, you can rest assured of competitive pricing on all products and service that only a family-run organization can deliver. A family member is always available to personally take care of issues or answer any technical questions one may have.

We are extremely happy to present this new edition of our catalog to you and we hope it helps you with your continued success. We thank you for selecting Manart-Hirsch as one of your Marine and Awning suppliers.



Aqua-View
By Manart-Hirsch

Webblon[®]
regatta™
Yacht Fabrics



Crystal Clear
20/20
Clearly the Transparent Choice

ODYSSEY III

HERCULITE[®]

TOP GUN

Aqua-Lite^{SR}
By Manart-Hirsch

YKK
Little Parts. Big Difference.™

Wiss[®]

GORE
Tenara[®]
SEWING THREAD

CONSEW



STRATAGLASS™

PHIFER
INCORPORATED

AcryBind
By Manart-Hirsch

Stainless Steel Tubing
Aluminum Tubing
Stainless/Aluminum Hardware

Seamark
Sunbrella
Stamoid
Top Gun
Top Notch
Odyssey

Flex-A-Rail
Vinyl Trailer Molding
Aluminum Trailer Molding
Tent Keder Welting
Costa Track

Seaquest

Aqua-View
StrataGlass
Crystal 20/20

YKK Zippers

Stamoid Facing
Sunbrella Facing

Aqua-View
StrataGlass
Crystal 20/20

Aqua-Lite AR
Aqua-View
StrataGlass

Dot Fasteners

Sunbrella View
Phifertex Plus
Stamoid Soltis 86

Stainless Steel Tubing
Aluminum Tubing
Stainless/Aluminum/Nylon Fittings

Sunbrella
Dacron
Stamoid
Top Gun
Top Notch

FERRARI

STAMOID[®]

sunbrella™



TOOLS AND DIES ATTACHING MACHINES AND DIES FOR DOT® FASTENERS



No. 9951 - Cutting Punch
For XX-16205 and XX-16206 sockets



No. 450 - Cutting Punch
For BS-78403 and BS-78404 eyelets



No. 171 - Cutting Punch
For XB-78332, BS-16349
and XB-78333



Chuck & Die
M235 and M370



Hand Operation
No. M370 Machine

MACHINE TOOL DATA

- 1401 Die for X2-10128
- 1410 Die for XB-10224
- 1407 Die for BS-10412
- 1412 Die for BS-10370
- 1454 Die for XX-16205
- 1455 Die for BS-16506
- 1456 Die for XB-16358
- 1457 Die for BS-16509
- 1406 Die for XB-10342 (Stud for Dbl. Combo)
- 9758 Die for XE-18100 PULL-THE-DOT-CAP
- 8059 Die for XX-18201 PULL-THE-DOT-SOCKET
- 9760 Die for BS-18303 PULL-THE-DOT-STUD
- M235 Kick Press Also Available
- M370 Bench Press



No. H9908D - Common Sense Drill Bit
For Common Sense Screw Studs



No. 169B - Screw Driver
For large hexagon Lift-the-Dot Studs



No. H9908 - Screw Driver
For XB-78324 and XB-78325
Common Sense Screw Studs

DURABLE DIE SET

Our 9896/7 durable die set installs all four durable fasteners. X210128-cap, XB10224-socket, BS10370-stud and the BS10412- eyelet. Great for over the counter sales to boat owners.

Style: 9896/7 Durable Die Set



SIMPLE SETTER

The Simple Setter® tool is used for the setting of Common Sense and Lift-A-Dot Fasteners. On one end you can set all four-prong fasteners. Flip it over and use the Simple Setter® to screw in Common Sense fasteners. A great tool that no canvas man should be without.

Style: SIMSET





PRESS-N-SNAP

PRESS-N-SNAP
 Installs DOT® Fasteners
 and Grommets Quickly
 Press-N-Snap Complete Set

Includes: dies for durable caps, socket, eyelet and stud.

PARTS AND ACCESSORIES



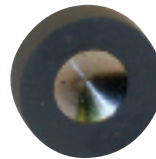
3401 for X210128
 3410 for XB10224



3407 for BS10412
 3412 for BS10370



3456 Die for XB16358
 3457 Die for BS16509



3401 for X210128
 3459 for XX18201 Pull-The-Dot



3406 for XB10342



34SHS FOR BS10379
 Deep Socket Stud



3477/8 Die Set for
 XB78317 and BS78502



3420 #0 Self Pierce Grommet Dies
 3421 #1 Self Pierce Grommet Dies
 3422 #2 Self Pierce Grommet Dies



PSSD0 #0 Spur Die Set
 PSSD1 #1 Spur Die Set



3400 Press N Snap Tool
 Comes with dies for cap,
 socket, eyelet and stud



34RH Rubber Holder
 34RR Rubber Ring



34NB Nut & Bolt Set



34PL Plunger



34SP Spring



34AB Adjusting Bolt



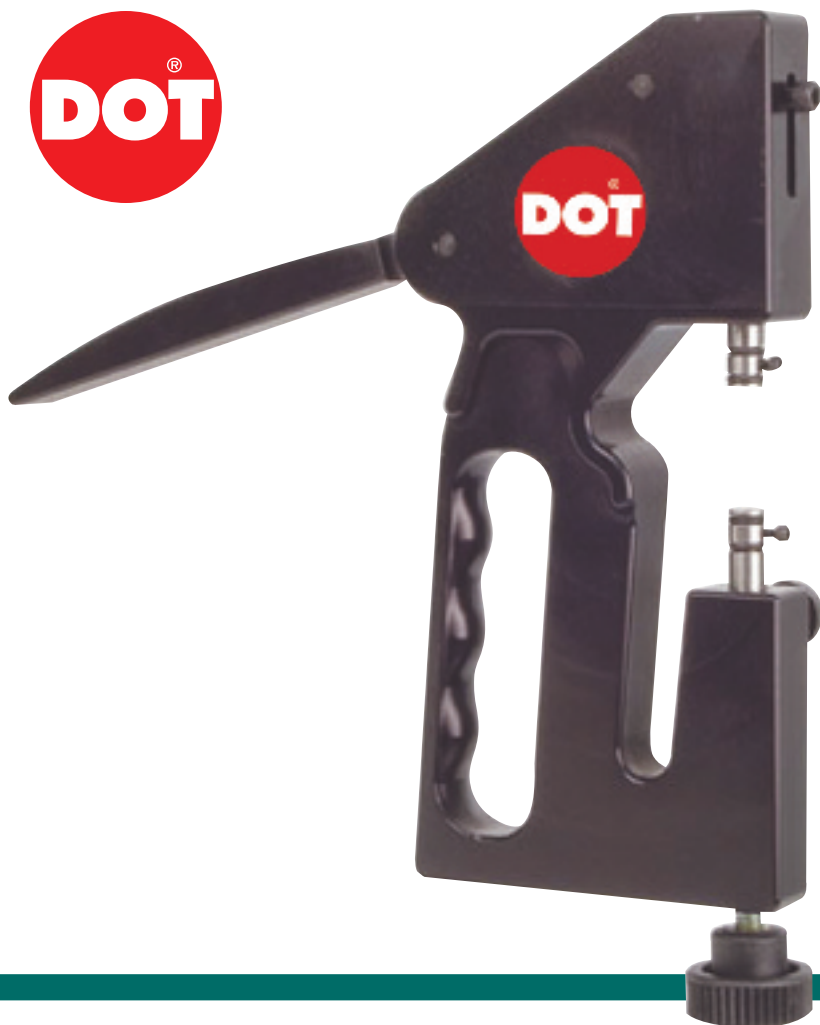
34HA Handle



34AD Die Adaptor
 for DOT M370 Press



34LE Lever



THE NEW DOT[®] SNAPMASTER[™] M840

M840 Features Include:

- All Aluminum and Steel construction
- Heavy Duty toggle Link mechanism
- Dual Bushing System
- Adjustable lower die
- Extended throat depth
- Cushioned operating lever
- Punches and dies can be used in either upper or lower die seats

The New DOT[®] Snapmaster[™] M840 utilizes press in place punches and dies to set or pre-punch for a variety of DOT[®] fasteners. The M840 ensures increased productivity, lower operating costs, improved quality and added flexibility.

SET DOT[®] DURABLE, COMMON SENSE[™], AND LIFT-THE-DOT[®]

X2 10128



BS 10370



XX16205



BS78403



XB 10224



BS 10412



BS 16506



BS 78505












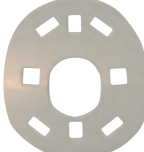



AVAILABLE TOOLS FOR THE M840

For Part Number Durable [™]	Use Tool Number	
	Attach	Prepunch
10127/10128	4403	
10224	4303	
10370	4304	
10412	4404	
Lift-The-Dot[®]		
16205	4301	4101
16506	4401	4201
Common Sense[™]		
78403	4302	4103
78505	4402	4203



LIFT-THE-DOT



The **LIFT-THE-DOT**® is a heavy duty fastener which locks on three sides. It is opened by lifting the fourth side at the point where the Dot and embossed trademark **LIFT-THE-DOT**® appears. Its particularly suitable for use on leather, canvas and other heavyweight materials.

	<p>XX 16205 Regular</p> 	<p>XX 16206 Long Prong</p> 	<p>X8 16360 Single Stud Self Tapping No. 8-15 Stainless Steel Screw 3/8", 1/2" or 5/8"</p> 	<p>XB 16358 Eyelet Attached Stud</p> 	<p>XB 16362 8-32 Machine Screw 3/8" & 5/8" Long Large Hexagon Base</p> 	<p>BS16349 Single, Two Prong Clinch Type</p> 
<p>BS 16506 Clinch Plate</p> 	<p>X8 16376 Lift-The-Dot® 3/4" Windshield Clip</p> 	<p>X8 16377 Lift-The-Dot® 7/8" Windshield Clip</p> 	<p>PS 16510 Flex Washer</p> 	<p>BS 16509</p> 	<p>XB 16368 Eyelet Attached Stud Long Barrel</p> 	<p>BS 16501</p> 



COMMON SENSE

These fasteners are positive locking. Each stud is assembled with a spring attached knob or button which holds it under tension until turned by hand. Accidental opening is thus prevented. Manufacturers of trucks, luggage, leather goods and packaging use **COMMON SENSE**™ fasteners.

		<p>BS 78403 Eyelet Prong Type BS 78404 LongProng</p> 	<p>BS 78505 Washer for Attaching Eyelet BS 78403 or BS 78404</p> 	<p>BS 78507 Clinch Plate for Stud XB 78332</p> 	<p>BS 78510 Washer for Attaching Eyelet BS 78403 or BS 78404</p> 	<p>PS 78511 Flex Washer</p> 
<p>XB 78322 Stud Single Two Screw Base</p> 	<p>XB 78323 Stud Double Two Screw Base</p> 	<p>XB 78332 Stud Single Two Prong Clinch XB78333 Stud Double</p> 	<p>XB 78324 Stud Single Wood Screw No. 7 x 5/8"</p> 	<p>XB 78325 Stud Double Wood Screw No. 7 x 5/8"</p> 	<p>XB 78317 Rivet Stud</p> 	<p>BS 78502 Washer for XB 78317</p> 



MARINE CANVAS FASTENERS RUSTPROOF FASTENERS



XB 10342
Stud
Double Combo



XB 10224
Socket
Normal Action



BS 10370
Stud Regular
Clinch Type



BS 10379
Deep Socket
Clinch Type



X2 10128
Cap (Colors Avail)
Button 24 Line
11/64" Barrel
X2 10127
1/4" Barrel



BS 10412
1/4" Barrel Eyelet
BS 10413
5/16" Barrel Eyelet



DURABLE

The **DOT**® Fasteners illustrated can be supplied in nickel, chrome, black or brass finish and can be easily applied with simple attaching tools. Made of brass, they can take the roughest weather in stride without rusting or corroding. Just great for all kinds of canvas goods.

XX 10388
For 3/4" Molding
XX 10391
For 7/8" Molding
ST/ST
Wingshield Clips



X8 10934
Screw Stud
(Stainless)
#10 Phillips Head
3/8" or 5/8"



X8 10393
Screw Stud
(Stainless)
#7 Phillips Head
3/8", 5/8" or 1"



X8 10302
Self Drilling
(Stainless)
#10-16
Phillips Head
3/8" or 5/8"



X8 10708
Machine Screw
#10-32
1/4", 3/8" & 5/8" long
Stainless Steel



The **DURABLE™** is a heavy-duty snap fastener. Heavy-Duty socket construction assures a firm grip which is maintained through years of use. Self-peircing, the **DURABLE™** fastener can be attached without pre-punching.



PULL-THE-DOT®

The **PULL-THE-DOT®** is a carefully engineered, three-sided locking snap fastener. Because of its unique built-in locking feature, this fastener will withstand extreme pressure on three sides without unlocking, yet releases instantly on the fourth side if the **PULL-THE-DOT®** embossed on the surface cap.

BS 18303
Stud
Clinch Type



BS 10412
Eyelet
1/4" Barrel
BS 10413
5/16" Barrel



XE 18100
Cap
11/64" Barrel



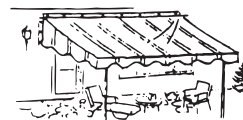
XX 18201
Socket
Regular



XB 18307
Screw Stud (Stainless)
#7 Phillips Head
8 x 3/8"



Perfect for Tents



Great for Awnings



Ideal for Boats



STAINLESS STEEL CAPS & SOCKETS

XN 10128 (Regular)
XN 10127 (Long)
Caps



X8 10224
Socket



NS 10412
NS 10413
Eyelet



NS 10370
Stud



MANART'S stainless steel fasteners are for those of our customers who want only the very best. Stainless steel caps, sockets, eyelets and studs are now available for use with all our standard attaching tools. Our stainless steel caps are extremely strong so that the caps will not crush when installing without pre-punching holes in the fabric. **MANART'S** stainless steel fasteners will not rust or corrode.





DURABLE™ FASTENERS IN COLORS

MARINER CAPS

DOT mariner vinyl coated brass caps have UVR inhibitors for superior wear-resistance. Will not fade after extended exposure to sunlight.



Pacific Blue
XV10150BL



Black
XV10150B



Burgundy
XV10150BU



Gray
XV10150GRY



White
XV10150W



Navy
XV10150N



Sea Ray Beige
XV10150SRB



Forest Green
XV10150FG



Red
XV10150R

ENAMEL CAPS

DOT enamel coated brass durable caps have UVR stabilization for a superior wear-resistant finish that stands up to extended exposure to sunlight.



Black
X210128BE



White
X210128WE



Sea Ray Beige
X210128SRBE



Captain Navy
X210128NE

Additional enamel colors available.



WEB STRAP HARDWARE

RINGS, DEES, LOOPS, SLIDES, SPRING SNAPS & BUCKLES Stainless Steel and Nickel on Brass

2490



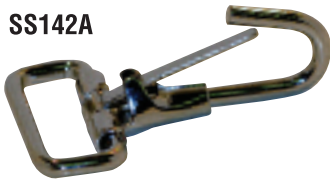
2490 90 degrees 3/8" eye, 2" x 1/4" Heavy Duty nickel plated brass for use on large bimini tops with our style 556 eye straps.

2490A



2490A Same as 2490 with flat back.

SS142A



142A 1" nickel plated brass wire snap hook for use on regular navy tops with any of our eye straps below.

SS142A 1" stainless steel snap hook.

147SS



142A2 2" steel wire snap hook also available for straps on bags.

147SS 1" stainless steel buckle and style 146 1" nickel plated brass buckle. For use with our Nylon, Dacron or Polypro webbing.

147NB



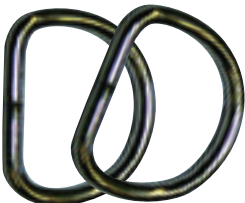
147NB 1" black nylon buckle.

25SNB



25SNB 1" black nylon side release buckle (also available in 2" Style: 25SNB2)

0563



0563 1" welded stainless steel dee rings for use with 1" webbing for boat top straps. Can be used with 2490 or 142A snap hooks.

SS556



SS556 stainless steel eye strap.

556



556 nickel plated bronze eye strap for use with either 2490 or 142A snap hooks.

275



275 large nickel plated bronze eye strap.

277



277 large stainless steel footmans loop.

666



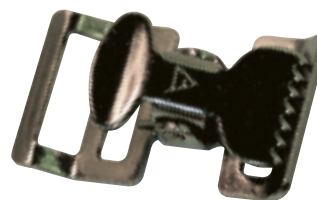
666 nickel plated die cast eye strap.

257



257 nickel plated brass hook.

SS6150



SS6150 1" stainless steel webbing strap buckle

**ALL PACKAGED
IN 100'S**



POP[®] PL30 INDUSTRIAL HAND RIVETER

Sturdy, efficient Hand Riveter for low-production, prototype, or field fastening applications. Equipped with interchangeable nosepieces for larger diameter rivets.



NosePiece Fits into our BS10370 Dot Stud

PL30 H.D. Will set only the "POP" Rivets listed in this chart

Rivet	Mandrel	3/32	7/64	1/8	5/32	3/16
OPEN END RIVETS						
Aluminum	Aluminum	•		•	•	•
Aluminum	Aluminum	•		•	•	•
Steel	Steel	•		•	•	•
Monel	Steel		•	•	•	
Stainless	Stainless			•		

Rivet	Mandrel	3/32	7/64	1/8	5/32	3/16
CLOSED END RIVETS						
Aluminum	Aluminum			•	•	•
Aluminum	Steel			•	•	•

Jaws Service Kit for PL30 - Style: PL30K

PREMIUM INDUSTRIAL BLIND RIVETS

Aluminum Rivets with Aluminum Shanks

Part Number	Grip Range
1/8" Diameter	In Inches
AA-42	.063 - .125
AA-43	.126 - .187
AA-44	.188 - .250
AA-46	.313 - .375

Stainless Steel Rivets with Stainless Steel Shanks

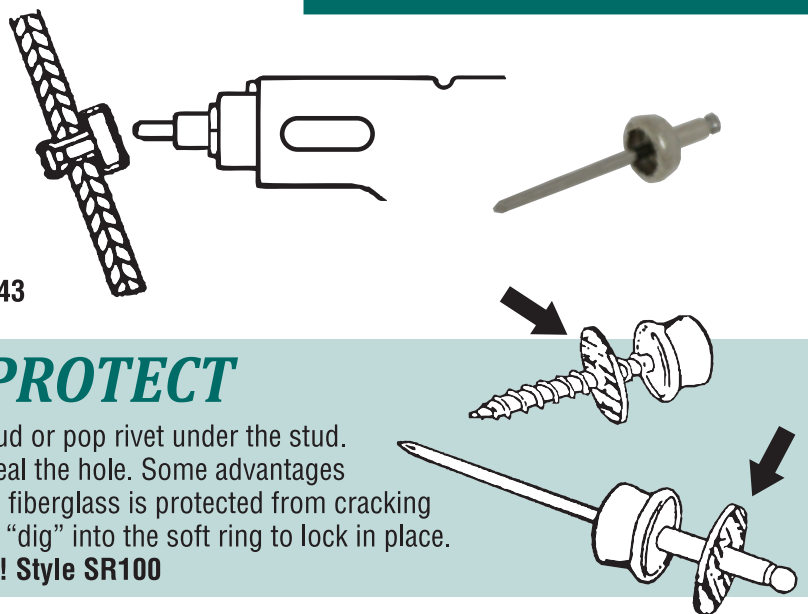
Part Number	Grip Range
1/8" Diameter	In Inches
SS-42	.063 - .125
SS-43	.126 - .187
SS-44	.188 - .250
SS-46	.313 - .375
3/16" Diameter	
SS-64	.188 - .250
SS-66	.313 - .375

(Stainless Steel is best for Marine Work)
(Manufactured in accordance with
IFI-114 specifications) Rustproof



MANART QUICK-SNAP

The Quicksnap is a combination Stainless Steel rivet and nickel brass durable stud. It is designed to be used with standard canvas snaps (caps & sockets). Can be used in a standard pop rivet gun with proper nosepiece. This time-saving fastener is for our customers who usually combine a stud (BS10370) and a pop rivet. **Style QS43**



SNAP RINGS LOCK-SEAL-PROTECT

Snap rings are "Rubbery" washers that slide on a screw stud or pop rivet under the stud. When the stud is tightened, the snap ring compresses to seal the hole. Some advantages of using snap rings are: Paint is protected from scratching, fiberglass is protected from cracking holes in metal are "front sealed" against rust and the studs "dig" into the soft ring to lock in place. **Next time you reach for a stud, reach for a snap ring first! Style SR100**



MANART GROMMETS

Manart Brass Grommets -Made of heavy duty guage brass, assuring maximum strength and resistance against "pulling out". Meets government specifications AN-230, MIL-G16491C and MS-20230. When inserted with Manart Setting Dies, a smooth coil is made providing a finished appearance. Also available in zinc.



BRASS GROMMETS WITH PLAIN WASHERS

PLAIN WASHER

PACKED 1 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0PGW	0	1/4 in.
1PGW	1	9/32in.
2PGW	2	3/8 in.
3PGW	3	7/16 in.
4PGW	4	1/2 in.

PACKED 25 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0PGWB	0	1/4 in.
1PGWB	1	9/32in.
2PGWB	2	3/8 in.
3PGWB	3	7/16 in.
4PGWB	4	1/2 in.



BRASS GROMMETS WITH TEETH WASHERS

TEETH WASHER

PACKED 1 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0TGW	0	1/4 in.
1TGW	1	9/32in.
2TGW	2	3/8 in.
3TGW	3	7/16 in.
4TGW	4	1/2 in.

PACKED 25 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0TGWB	0	1/4 in.
1TGWB	1	9/32in.
2TGWB	2	3/8 in.
3TGWB	3	7/16 in.
4TGWB	4	1/2 in.



ROLLED RIM GROMMET

BRASS GROMMETS WITH ROLLED RIM SPUR WASHERS

SPUR WASHER

PACKED 1 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0SGW	0	9/32 in.
1SGW	1	13/32in.
2SGW	2	7/16 in.
3SGW	3	15/32 in.
4SGW	4	9/16 in.
5SGW	5	5/8 in.

PACKED 25 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0SGWB	0	9/32 in.
1SGWB	1	13/32in.
2SGWB	2	7/16 in.
3SGWB	3	15/32 in.
4SGWB	4	9/16 in.
5SGWB	5	5/8 in.

Nickel Plated Brass Grommets with Rolled Rim Spur Washers - Spur Washer Grommets assure maximum strength and resistance to "pulling out". "Spur Type" setting dies are required for inserting Spur Grommets.

NICKEL PLATED BRASS GROMMETS WITH ROLLED RIM SPUR WASHERS

ROLLED RIM GROMMET



NICKEL PLATED

SPUR WASHER

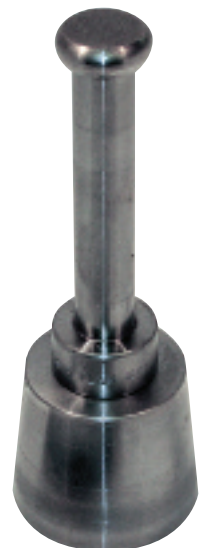
PACKED 1 GROSS BOXES

Style	Diameter Hole	
	Size	Inserted
0SGWN	0	9/32 in.
1SGWN	1	13/32 in.
2SGWN	2	7/16 in.
3SGWN	3	15/32 in.
4SGWN	4	9/16 in.
5SGWN	5	5/8 in.

GROMMET SETTING DIES

Size	Plain & Teeth	Spur
	Style	Style
0	SD2160	SD2170
1	SD2161	SD2171
2	SD2162	SD2172
3	SD2163	SD2173
4	SD2164	SD2174
5	SD2165	SD2175

All Setting Dies and Cutters are made of the finest steel, to prevent undue chipping and wear.



GROMMET CUTTERS

Size	Style
0-A	GC500
1-A	GC501
2-A	GC502
3-A	GC503
4-A	GC504
5-A	GC505



CUTTER

OTHER SIZES AVAILABLE



SELF-PIERCING GROMMETS and WASHERS



ADVANTAGES

“NO HOLE NEEDED” The Self-Piercing Grommet (newly designed using heavier gauge brass than our traditional sheet metal grommets), working together with a unique washer, allows Manart’s Self-Piercing Grommets and Washers to pierce and set in a single action...without pre-punching a hole. Just place the grommet in the top set...lay the washer on the bottom set...position your work, and pierce and set in one action.



- | | |
|--------------------|---------------------------|
| Style Brass | Style Nickel/Brass |
| SPGW0 #0 | SPGW0N #0 |
| SPGW1 #1 | SPGW1N #1 |
| SPGW2 #2 | SPGW2N #2 |
| SPGW3 #3 | SPGW3N #3 |

	#0	#1	#2	#3
HOLE SIZES	1/4"	9/32"	3/8"	7/16"

MANART-HIRSCH self-piercing brass grommets and washers can be used with any of the attaching machines below. Tooling and machines are sold separately. Factory testing shows that even 2 layers of our 10 oz. vinyl coated nylon Tuf-Stuf can easily be grommeted in 1 step.

When you need real holding power in one easy step, our self-piercing grommets and washers are the only choice.

Press-"N"-Snap Tool

Also Easy Installation with Press-N-Snap Tool

#0, #1 & #2 can be easily installed with our #3400 Press-Snap-Tool

- | | |
|--------|-------------|
| #0 Die | Style #3420 |
| #1 Die | Style #3421 |
| #2 Die | Style #3422 |



405 Bench Mounted



479 Foot Power

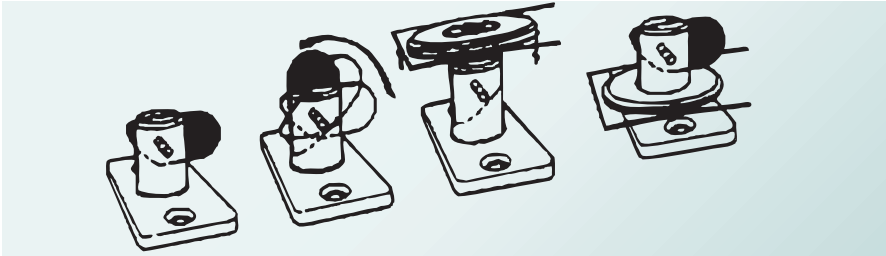


479 Electric



STAYPUT CANVAS FASTENERS

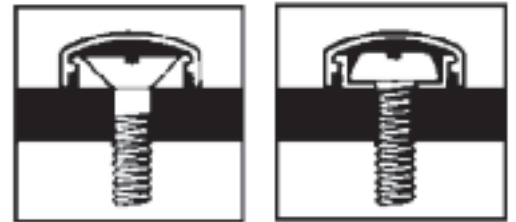
Stayput canvas fasteners can be used anywhere a fabric needs to be attached to a solid surface. Boat covers, truck covers and hot tub covers are but a few of the many products that can incorporate this versatile fastener. The base is made of non-corrosive glass filled nylon and locking tab is made of nylon. The Stayput is mounted to the boat, truck, etc. by riveting or using #6 countersunk screws. A number 1 spur grommet or number 2 plain grommet is set into the fabric. The grommet is placed over the Stayput and the locking tab is slid over the grommet. Available for horizontal or vertical mount. Put-up 100 peices per box.



Style	SHSW	Horizontal single Stayput	White	SHDW	Horizontal double Stayput	White
	SHSB	Horizontal single Stayput	Black	SHDB	Horizontal double Stayput	Black
	SVSW	Vertical single Stayput	White	SVDW	Vertical double Stayput	White
	SVSB	Vertical single Stayput	Black	SVDB	Vertical double Stayput	Black

SNAP CAPS

Manart's Snap Caps are a high quality engineered product to hide unsightly screw heads. They are comprised of two parts, a cap and a cup washer, molded in UV stabilized co-polymer polypropylene for "all weather" applications. Snap Caps are easily installed. The fastener is fitted in the cup washer and secured into the workpiece. The cap is then pressed over the washer, enveloping the fastener head and mating in "Snap" engagement with washer by means of an interlocking peripheral groove and flange. The mating fit is designed to provide a high pressure "sealing zone" between the cap and washer to exclude atmosphere and prevent corrosion. Available in off-white. Can be painted



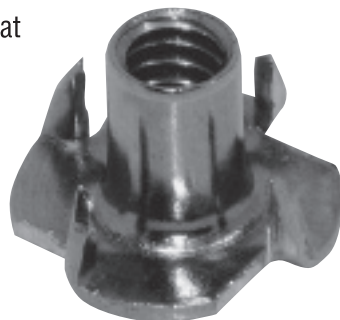
Style	SC68	for #6 and #8 screws
	SC1012	for #10 and #12 screws

STAINLESS STEEL "TEE-NUTS"

Finally a quality stainless steel tee nut for the marine industry. Made from type #302 stainless steel. Our NS59528 tee nuts are available to accept 1/4 x 20 screws. Typical applications include seat pedestal mounts to wood or stainless steel construction. **Style NS59528**

Specifications

- Thread: 1/4 x 20
- Prongs: 4 staple type
- Barrel Height: 3/8"
- Flange Diameter: 3/4"
- Material Thickness: .042



STAYPUT NYLON J HOOK



The STAYPUT NYLON J HOOK has many applications including hanging tent walls and attaching boom covers. The J Hook can be installed directly into fabric by punching a 1/4" hole and squeezing the two parts together. This extremely strong hook will accommodate rope or wire as well. The STAYPUT NYLON J HOOK is designed for quick and easy installation.

Available in white or black

Style	SNH	White
	SNHB	Black



ULTIMATE SHOCK CORD CLIPS

These new and improved Shock Cord Clips have a sleek contoured look. The new design incorporates the following features.

1. Can be installed in fabric varied thickness.
2. Although 1/4" is recommended for installation, our new clips can be installed in a stretched or enlarged hole.
3. The metal tips in the shock cord are made of brass eliminating the corrosion occasionally found on zinc plated steel products.
4. The bearing surface of the product has been increased dramatically reducing the possibility of tear out.
5. The shock cord clip can be taken apart, the cord changed and reinstalled without destroying any part of the housing. The clip can be squeezed closed, tapped lightly with a hammer or installed with our inexpensive die set.
6. Colors available from stock: White or Black
7. Uses same shock cord knobs as original shock cord clips.

ON LARGE ORDERS, THE HOUSING IS AVAILABLE IN CUSTOM COLORS AND THE SHOCK CORD IS AVAILABLE IN CUSTOM LENGTHS
STANDARD CORD LENGTH IS 6 1/2"

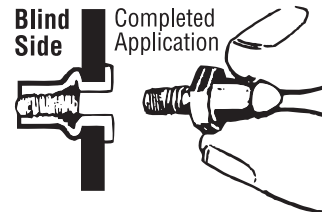


Style	Color	Description	Pack
SCCU	Black	Shock Cord Clip	100
SCK	Black	Knob for Cord	100
SCKW	White	Knob for Cord	100
SCCWU	White	Shock Cord Clip	100

"MANART THREAD-SERT"

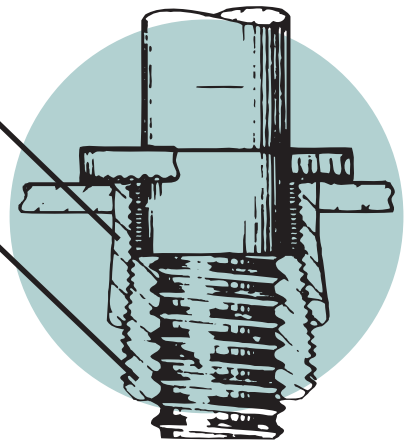
The Blind Nut with Built-In Threads

3-EASY STEPS!



Sleeve

Threaded Base



1. Thread Mandrel onto "Thread Set"
2. Place in pre-drilled hole. The tool mandrel breaks the conical shaped portion loose, screwing or drawing it into the sleeve.
3. Clinch handles. Completed application. The threaded portion of the "Thread-Sert" expands into the sleeve on a 360° contact fit. The fastener is now ready to receive a mating bolt or screw.



The **Thread-Sert** system is ideal for screwing Durable (XB-10708) and Lift-The-Dot (XB-16362) machine studs in fiberglass, metal, etc., without having to put a nut behind the fastener.

**ALL
IN KIT**

Style
TSK200
TS200
TS832
TS1032
TS1420
TS200C

Description

Thread-Sert Kit with case
 Thread-Sert Tool only
 8/32" Aluminum Thread-Serts
 10/32" Aluminum Thread-Serts
 1/4" x 20 Aluminum Thread-Serts
 Converter from Thread-Sert tool to pop rivet tool





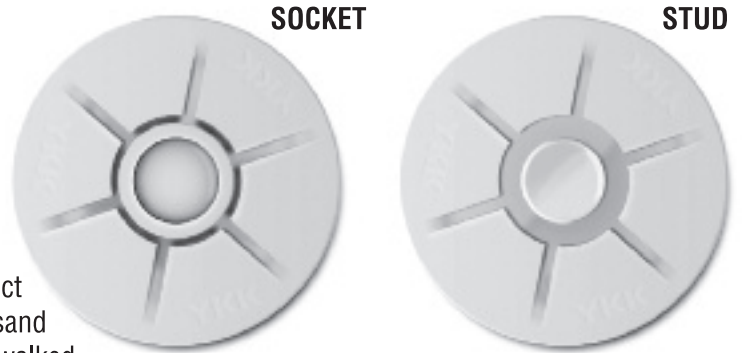
SNAD®

SNap ADhesive attached

YKK has introduced its plastic adhesive snap component for the marine industry. Unlike traditional metal screw studs, this product will not snag clothing or deteriorate from exposure to sunlight, sand and dirt. Its unique dome shape and low profile enables it to be walked on without causing any pain. The underside of the dome is a pad of 3M VHB acrylic adhesive tape that enables the snap to adhere to boat surfaces without having to drill. All you need to do is clean the surface to which the snap is being applied, peel off the protective paper backing, press the snap in place and release.

Snads are great for applications such as fastening marine carpeting to decks, fastening cushions and seating, attaching console covers and replacing existing screw studs without the need to fill-in screw holes. Completely compatible with standard durable fasteners. Color: white

Style- Snad1 - Socket
Snad3 - Stud

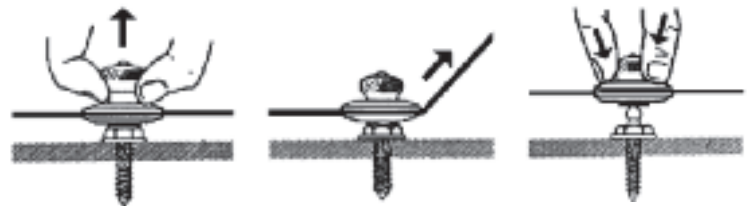


Basic Specifications

Part	Part #	Diameter	O/A Height	Material	Color	Adhesive
Domed Socket	PG1-0000-839	40mm 1 9/16"	5.3 mm 7/32"	UV Acetal	White	VHB 4941
						Conformable 45 mils (1.1 mm) 3/64" Gray
Domed Stud	PG3-0000-839	40 mm 1 9/16"	6.5 mm 1/4"	UV Acetal	White	VHB 4941
						Conformable 45 mils (1.1 mm) 3/64" Gray

TENAX FASTENERS

The Tenax fastener is a self-locking snap fastener. Because it is highly engineered it cannot come undone once engaged, yet it releases instantly by lifting the head of the button. Made of nickel-plated brass, for years they have been standard on high end European autos and boats.



Styles- T31-302 combo

Tenax Button



Tenax Long Peg



Tenax Button Locking Nut



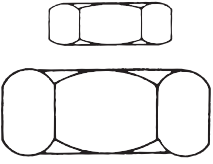
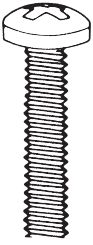


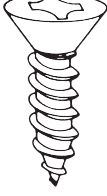
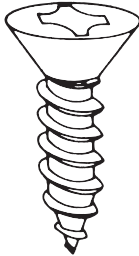
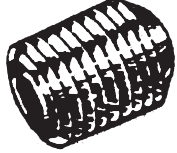
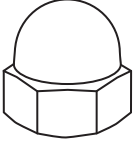
T11- wood screw



T 21- 2 hole base





STAINLESS STEEL HEX NUT	PHILLIPS ROUND HEAD	SLOTTED ROUND HEAD	PAN SCREW	SELF TAPPING PHILLIPS	SELF TAPPING PHILLIPS	STAINLESS STEEL SET SCREW	ACORN NUTS
							

STAINLESS STEEL SCREWS

SSHN832 8/32" Hex Nut
SSHN1032 10/32" Hex Nut
SSHN1420 1/4x20" Hex Nut

142078 1/4" x 7/8" Philips Round Head
142034 1/4" x 3/4" Philips Round Head
14201 1/4" x 1" Philips Round Head
14202 1/4" x 2" Philips Round Head
142025 1/4" x 2 1/2" Philips Round Head

834PAN #8 x 3/4" Pan Head
101PAN #10 x 1" Pan Head

612PH #6 x 1/2" Oval Philips Head
634PH #6 x 3/4" Oval Philips Head
834PH #8 x 3/4" Oval Philips Head
81PH #8 x 1" Oval Philips Head
101PH #10 x 1" Oval Philips Head
1015PH #10 x 1 1/2" Oval Philips Head

434FLH #4 x 3/4" Flat Head
634FLH #6 x 3/4" Flat Head

1420316 1/4" x 20 x 3/16" Allen Set Screws- Cup Point
1428316 1/4" x 28 x 3/16" Allen Set Screws- Cup Point
1428316P 1/4" x 28 x 3/16" Allen Set Screws- Pointed

SSAN832 8/32" Acorn Nut
SSAN1032 10/32" Acorn Nut
SSAN1420 1/4" x 20 Acorn Nut



STAINLESS STEEL FINISHING WASHERS

Our stainless steel finishing washers are for use with our stainless steel screws. Our finishing washers are available in #4, #6, #8 and #10 sizes. Our stainless steel Philips oval head screws are available in #4, #6, #8 and #10. All of our screws are available in various lengths.

Styles available

#4- **SSF4** finishing washer
 #6- **SSF6** finishing washer
 #8- **SSF8** finishing washer
 #10- **SSF10** finishing washer
 #12- **SSF12** finishing washer

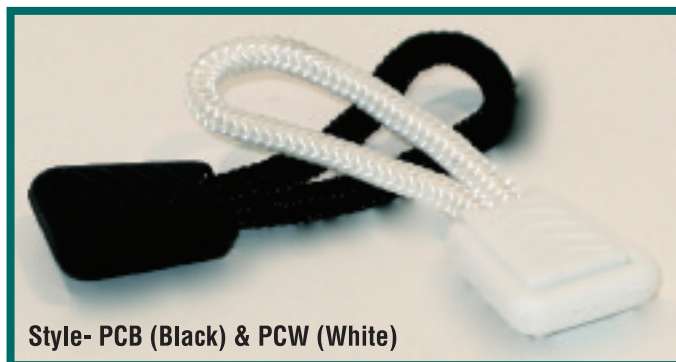




PULL CORDS

Ideal for sliders of all sizes, our pull cords come in white and black. Adding these to all your sliders creates comfort and convenience when opening and closing all zippers. Also great when used in conjunction with our shock cord clips. Overall length is 2 1/2".

Put up: 100 pcs per box.



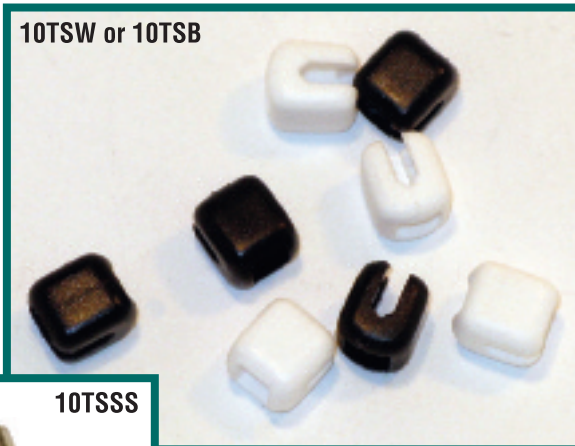
Style- PCB (Black) & PCW (White)

YKK® TOP STOPS

Our top stops are available in two different styles. Style 10TSSS is a stainless steel stop that wraps around the last tooth you want the slider to stop at. The 10TSSS can be easily installed with our style TSP top stop pliers. The 10TSSS can be used on any color zipper. Our 10TS nylon top stops are molded to replicate the original top stop on the zipper. This stop is installed by simply pushing it over the last tooth to touch the slider and twist to lock it on. The 10TS can be removed and reinserted if needed. Available in both black and white. Made for size #10.

Style:	10TSSS	Stainless steel top stop	put up: 500 per box
	10TSW	White nylon top stop	put up: 200 per bag
	10TSB	Black nylon top stop	put up: 200 per bag

10TSW or 10TSB



10TSSS



YKK

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NYLON BUCKLES

Manart's nylon buckles are available in two styles. Our standard 3 bar adjustable and our 2 part. Both are in stock in black but are available in numerous colors on special order. Stock width is 1".

Style:	147NB, 3 Bar
	25SNB, 2 Part Side Release - 1"
	25SNB2, 2 Part Side Release - 2"
	5048NB, 3 Bar - 2"



147NB



25SNB

CORD LOCK

Manart's new black nylon cord locks are perfect for locking sleeping bags, outerwear, bags with drawstrings or just about any application where the cord needs to be locked. Our cord lock has a 1/4" hole so two 1/8" cords or one 1/4" cord can be used.

Style:	CL14	Put-Up: 100 Per Box
	CL16	Put-Up: 100 Per Box (3/16" Cord Lock)

CL16



CL14



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SEPARATING VISLON® MARINE HEAVY DUTY ZIPPERS

YKK
Little Parts. Big Difference.®

With Reversible (Inside and Outside) Sliders

#10

Style	Length	Quantity Box
YKK1018	18"	50
YKK1021	21"	50
YKK1024	24"	50
YKK1030	30"	50
YKK1036	36"	50
YKK1042	42"	25
YKK1048	48"	25
YKK1054	54"	20
YKK1060	60"	20
YKK1066	66"	20
YKK1072	72"	20
YKK1078	78"	20
YKK1084	84"	20
YKK1090	90"	20
YKK1096	96"	20
YKK10108	108"	20
YKK10120	120"	20
YKK10144	144"	20
YKK10180	180"	15

Available in: Black, White or Sea Ray Beige

#8

Style	Length	Quantity Box
YKK824	24"	50
YKK836	36"	50
YKK842	42"	20
YKK848	48"	20
YKK854	54"	20
YKK860	60"	20
YKK872	72"	20
YKK884	84"	20
YKK896	96"	20
YKK8120	120"	20

Available in: Black, Gray or White

#5

Style	Length	Quantity Box
YKK518	18"	50
YKK521	21"	50
YKK536	36"	50
YKK548	48"	25
YKK554	54"	25
YKK560	60"	25
YKK572	72"	25
YKK578	78"	25
YKK584	84"	25
YKK590	90"	25

Available in: Black or White

Unique top-stop prevents slider from running off its track

Metal slider resists ultraviolet rays and corrosion to retain its new look. (Also available in NYLON)

Injection molded teeth engineered for crosswise strength.

Cord and tape are built stronger to hold slider on track



PERFECT FOR BOAT
BIMINI
ENCLOSURE

AN OPEN AND SHUT CASE FOR MARINE MATES

YKK has developed a unique series of zippers especially engineered for the marine industry - Marine Mates. The plastic teeth are molded with state-of-the-art injection technique and attached to the strongest cord and tape made. Marine Mates offer crosswise strength that's unmatched in the industry. All elements materials are scientifically designed to resist damage from ultraviolet rays and corrosion. Even the starter pin and box are stronger for better alignment and longer wear. YKK is known for quality and service before and after the sale. And, domestic production assures quick response.

YKK

Little Parts. Big Difference.®

Marine Mates by YKK. Case Closed.
PLEASE SPECIFY NYLON OR METAL SLIDERS
PLEASE INQUIRE FOR ADDITIONAL O.E.M.
COLORS CURRENTLY BEING USED.



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YKK® VISLON® ZIPPER CHAIN

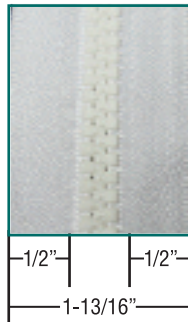
TYPE: TEETH VISLON®

Style	Color	Size	Length
8VFB	Black	#8	137.5 yds. Spooled
8VF	White	#8	137.5 yds. Spooled
5VSB	White	#5	110 yds. Spooled
5VSB	Black	#5	110 yds. Spooled
10VF	White	#10	110 yds. Spooled
10VFB	Black	#10	110 yds. Spooled
10VFSRB	Beige	#10	110 yds. Spooled

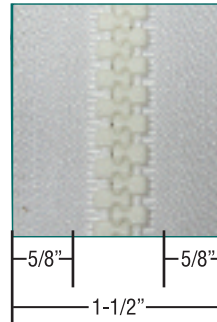
TYPE: COIL VISLON®

Style	Color	Size	Length
5CN	White	#5	110 yds. Spooled
5CNB	Black	#5	110 yds. Spooled
10CF	White	#10	110 yds. Spooled
10CFB	Black	#10	110 yds. Spooled
10CF34	White	#10	110 yds. Spooled (3/4" Tape)
10CF34B	Black	#10	110 yds. Spooled (3/4" Tape)
10CFWBP	Black	#10	110 yds. Spooled (Waterproof)
10CFSRB	Beige	#10	110 yds. Spooled
10CF34SRB	Beige	#10	110 yds. Spooled (3/4" Tape)

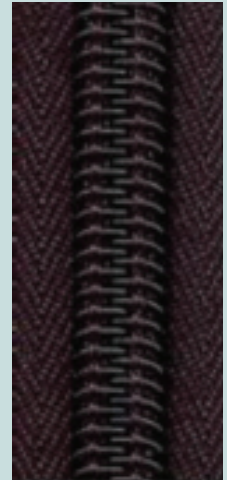
No. 5 Chain



No. 10 Chain



Ziplon® (Coil Chain)
No. 5 9/16" Tape
No. 10 5/8" Tape
No. 10 3/4" Tape



#10 Ziplon® Chain



10LDSB



10CFDSBLT



10LSS



10CFSSLT



5VSDSLT



5VSLNSS



5VSLSS



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YKK® ZIPPER SLIDERS

Style	Color	Type	Slider Type
10LDS	White	Locking	Double Slider
10LSS	White	Locking	Single Slider
10LDSB	Black	Locking	Double Slider
10LSSB	Black	Locking	Single Slider
10DS	White	Non-Lock	Double Slider
10SS	White	Non-Lock	Single Slider
10DSB	Black	Non-Lock	Double Slider
10SSB	Black	Non-Lock	Single Slider
10SSLT	White	Non-Lock	Single, Long Tab
10SSBLT	Black	Non-Lock	Single, Long Tab
8DS	White	Non-Lock	Double Slider
8DSB	Black	Non-Lock	Double Slider
8DSG	Grey	Non-Lock	Double Slider
10LDSN	Nylon	Locking	Double Slider
10LSSN	Nylon	Locking	Single Slider
10DSL	White	Non-Lock	Double, Long Tab
10DSBLT	Black	Non-Lock	Double, Long Tab

Style	Color	Type	Slider Type
5VSLDS	White	Locking	Double Slider
5VSLSS	White	Locking	Single Slider
5VSLDSB	Black	Locking	Double Slider
5VSLSSB	Black	Locking	Single Slider
5VSDS	White	Non-Lock	Double Slider
5VSSS	White	Non-Lock	Single Slider
5VSDSB	Black	Non-Lock	Double Slider
5VSSSB	Black	Non-Lock	Single Slider
5VSLSSN	Nylon	Locking	Single Slider
5VSDSLT	White	Non-Lock	Double Slider, Long Tab
5VSDSBLT	Black	Non-Lock	Double Slider, Long Tab
5VSSSLT	White	Non-Lock	Single Slider, Long Tab
5VSSSBLT	Black	Non-Lock	Single Slider, Long Tab

FOR ZIPLON® (COIL)

Style	Color	Type	Slider Type
10CFLSS	White	Locking	Single Slider
10CFSS	White	Non-Lock	Single Slider
10CFDS	White	Non-Lock	Double Slider
10CFSSB	Black	Non-Lock	Single Slider
10CFDSB	Black	Non-Lock	Double Slider
10CFSSLT	White	Non-Lock	Single, Long Tab
10CFSSBLT	Black	Non-Lock	Single, Long Tab
10CFDSL	White	Non-Lock	Double, Long Tab
10CFDSBLT	Black	Non-Lock	Double, Long Tab

FOR ZIPLON® (COIL)

Style	Color	Type	Slider Type
5CNSS	White	Non-Lock	Single Slider
5CNDS	White	Non-Lock	Double Slider
5CNSSB	Black	Non-Lock	Single Slider
5CNDSB	Black	Non-Lock	Double Slider
5CNSSLT	White	Non-Lock	Single, Long Tab
5CNSSBLT	Black	Non-Lock	Single, Long Tab
5CNDSL	White	Non-Lock	Double, Long Tab
5CNDSBLT	Black	Non-Lock	Double, Long Tab



TYPE 316 STAINLESS STEEL



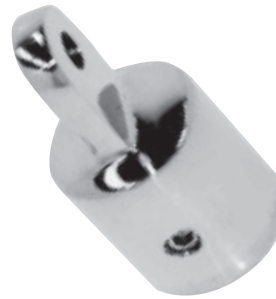
SIDE MOUNT

6213 4 HOLE S.M.
6105 3 HOLE S.M.



JAW SLIDE

5100 3/4" 6100 7/8"
6102 1" 6301 1 1/4"



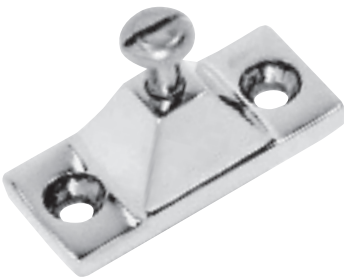
OUTSIDE EYE END

5101 3/4" 6101 7/8"
6103 1" 6302 1 1/4"



DECK MOUNT W/QRP

6220 QUICK RELEASE



SIDE MOUNT

6109 2 HOLE S.M.



DECK MOUNT W/ SCREW

6104 90



RAIL DECK MOUNT

6221 CONCAVE
6200 QUICK RELEASE



DECK MOUNT

6222 10° ANGLE
6223 QUICK RELEASE



SWIVEL DECK/SIDE MOUNT

SDS78 7/8"
SDS1 1"



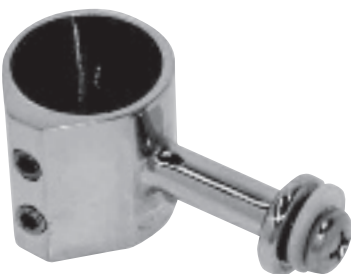
UNIVERSAL MOUNT

STYLE USM



HINGED RAIL MOUNTS

RM7H 7/8"
RM1H 1"
RM125H 1-1/4"



SIDE MOUNT SLIDE

SMS78 7/8"
SMS1 1"



DOUBLE SET SCREW EYE END

61012 7/8"
61032 1"
6302 1-1/4"



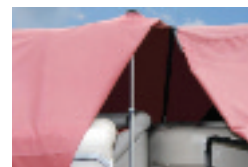
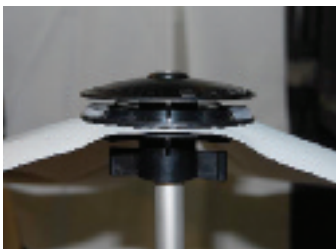
DOUBLE SET SCREW JAW SLIDE

61002 7/8"
61022 1"
6301 1-1/4"



BOAT VENT II

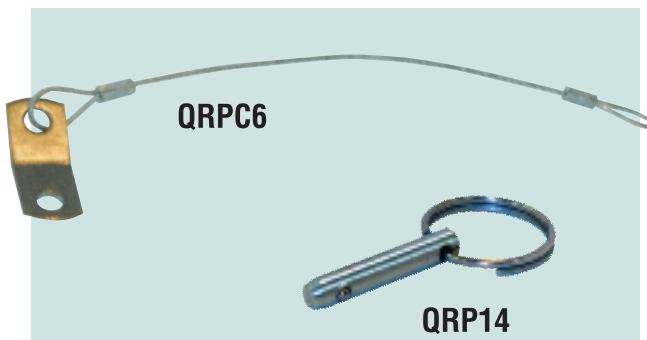
The boat vent II mooring pole vent keeps air circulating under boat covers in order to prevent moisture build up and mildew. Our vents are easily attached to the cover by cutting a small hole in the canvas and screwing the top of the vent to the bottom. No tools are required. Our vents are easily attached to our mooring poles using the 3/4" tube end instead of the pole tip in the upright position. The bottom of the vent will also accommodate 7/8" tubing. When the cover is not in use, the mooring pole pulls out of the vent for easy storage. Style: **BV800**



QUICK RELEASE PIN

Manart's QRPC6 cable is used in conjunction with our QRP14 stainless steel quick release pin. The cable has a clear nylon coating. Loop on one side easily winds on quick release ring and tab screws to either boat or fitting (example, deck mount). Stock length is 6" although other lengths are available.

QRP14: Quick Release Pin
QRPC6: Stainless Steel Cable



ADJUSTABLE MOORING POLE

Manarts style MP510 mooring poles are adjustable from 3' 4 1/4" to 5'10". Top tube is 3/4" OD and the bottom is 7/8" OD. All aluminum construction, these mooring poles have extra heavy duty non-slip rubber crutch tips. Pole tip and collar are made out of non-corrosive nylon. Available with standard tip or snap end to accommodate screw stud. Packed in boxes of 25.



STYLE: MP510 Standard Mooring Pole with tip
MP510S Mooring Pole with tip on one end and snap on other end
Packed: 25 per carton

AFT COVER PIN

Our aft cover pins are made of stainless steel with a diameter of 1/4" and a length of 4 1/2". Used for installing sunshades over the cockpit of sport fishing boats.

STYLE: ACP





COVERTIBLE BOAT TOP HARDWARE

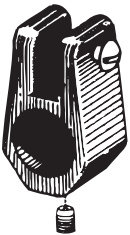
Nylon Custom Molded Marine Fittings



INSIDE EYE END
MA402 - 3/4" inside eye end
MA417 - 7/8" inside eye end



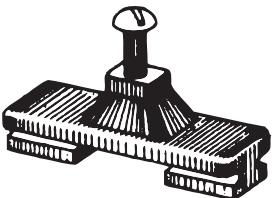
OUTSIDE EYE END
MA419 - 7/8" outside eye end
MA416 - 3/4" outside eye end



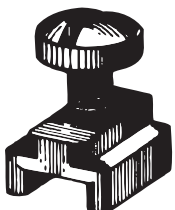
JAW SLIDE
MA418 - 7/8" outside eye end
MA406 - 3/4" outside eye end



SIDE MOUNT
MA415 - 2-hole side mount



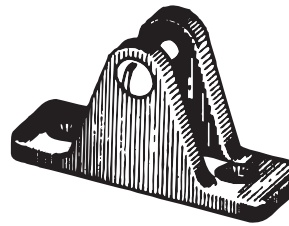
SIDE MOUNT/SLIDE
MA430 - Side mount/slide fits
 .850 track
 (Jammer Available)



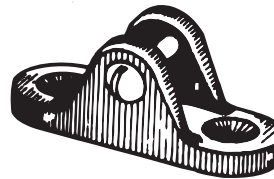
SLIDE LOCK
MA432 - Side lock for .850 track
 with fillister head screw



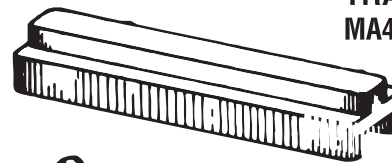
NYLON HEAD SCREW
MA424P - Plastic head 1/4"
 screw fits all side mounts and
 deck hinges



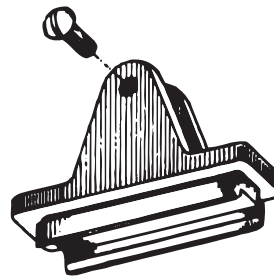
DECK HINGE
MA405 - Large deck hinge
MA428 - Large deck hinge/angled



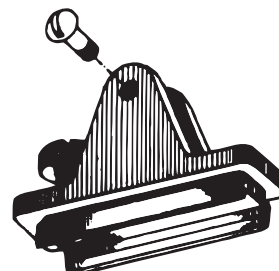
DECK HINGE
MA401 - Small deck hinge



TRACK SLIDE
MA408 - Track fits for deck hinge
 fits .850 track



**DECK HINGE SLIDE
 COMBINATION**
MA431 - Deck hinge slide
 combination
 fits .850 track



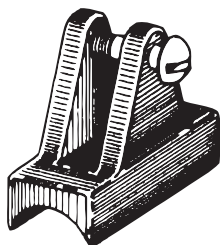
DECK HINGE LOCK
MA445 - Deck hinge slide lock
 combination fits .850 track with
 fillister lock screw port and
 starboard available

ALL NYLON BOAT TOP HARDWARE IS AVAILABLE IN NATURAL OR BLACK

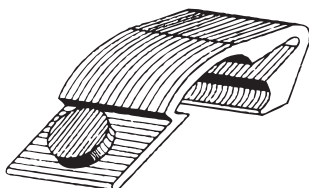


COVERTIBLE BOAT TOP HARDWARE

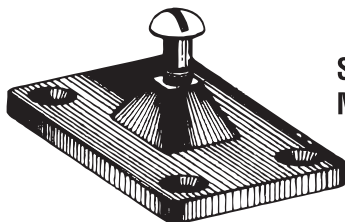
Nylon Custom Molded Marine Fittings



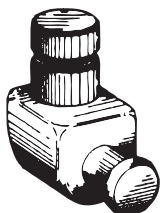
RAIL HINGE
MA443 - Hinge for 7/8" rail



BAYLINER WINDSHIELD CLIP
MA528B



SIDE MOUNT
MA427 - 4 hole side mount



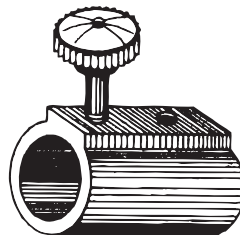
INSIDE EYE END
MA473 - 3/4" inside eye 90°
MA461 - 7/8" inside eye and 90°



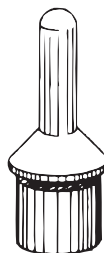
EYE END BRACKET
MA475 - 3/4" 90° inside eye end bracket
MA462 - 7/8" 90° inside eye end bracket



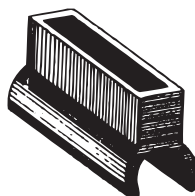
EYE END ADJUST
MA474P - Port adjust bracket*
MA474S - Starboard adjust bracket *adjust 3/4" 90° inside eye end - MA473



TUBING ADJUSTMENT
MA520 - 3/4" - 7/8" tubing adjustment



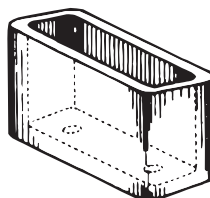
MOORING POLE SUPPORTER
MA517 - 3/4" mooring pole supporter



BOW RAIL SOCKET
MA512 - Bow rail socket



EYE STRAP
MA407 - Eye strap



BATTEN SOCKET
MA434 - 2 hole batten socket



CHANNEL END CAP
MA404 - Channel trim end cap



LASH HOOK
MA460 - 1 Hole lash hook



LASH HOOK
MA420 - 2 Hole lash hook

ALL NYLON BOAT TOP HARDWARE IS AVAILABLE IN NATURAL OR BLACK



BOAT TOP HARDWARE

Aluminum

SIDE MOUNTING PLATES

For use on side of boat when a regular hinge can't be mounted on the deck. All Littco aluminum boat top eye ends can be used with these plates.

Item No.	Size	Std Pack
LI 510	2-1/2" x 1" tapped for 1/4" machine screw	100
LI 511	2-1/2" x 1-3/4" furnished with 1/4" aluminum screw	100



LI 510

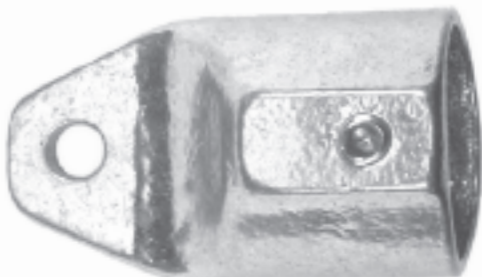


LI 511

SLIP FIT EYE ENDS

Slip Fit Eye Ends are supplied with stainless steel set screws. They can be used with all of the hinges, jaw slides, or side mounting plates.

Item No.	Size	Std Pack
LI 4-S	1/2" Pipe and 7/8" O.D. Tubing	100
LI 7-S	3/4" O.D. Tubing and 3/8" vinyl coated pipe	100
LI 10-S	1" O.D. Tubing	100



EYE STRAP

Used to fasten a strap hook to the deck

Item No.	Std Pack
LI 520	100



LASHING HOOK

Used to secure boat covers with elastic cord.

Item No.	Length	Rope Size	Std Pack
LI 500	1"	1/4"	100



BOAT COVER SOCKET

Used with wooden or fiberglass slats to make an arch to keep a boat cover from sagging.

Item No.	Base	Height	Opening	Std Pack
LI 22	3-12" x 7/8"	5/8"	1-7/8" x 1/2"	50

Also available in Chrome plated die cast Style: MH25





BOAT TOP HARDWARE

Aluminum



DECK MOUNTING HINGES (Aluminum)

Hinges are used with eye ends for fastening the top of the deck. These hinges can be used with any of the Littco aluminum marine eye ends. The countersunk fastening holes are for No. 10 wood screws.

Item No.	Projection	Hinge Screw	Std Pack
LI 523	1-1/8"	Aluminum	100



ANGLE HINGE (Aluminum)

Item No.	Projection	Angle	Std Pack
LI 513	1" to center of hole	10°	100



JAW SLIDES

Littco jaw slides are furnished with aluminum hinge screws and stainless steel set screws and can be used with any of our aluminum eye ends.

Item No.	Size	Std Pack
LI 5042	1/2" pipe and 7/8" O.D. tubing	100
LI 50X2	3/4" O.D.	100
LI 70-J	1" O.D. tubing	100



INSIDE EYE ENDS

When inserted, the flange is flush with the outside of the tubing. They can be used with all of the hinges and jaw slides.

Item No.	Tubing OD	Tubing ID	Std Pack
LI 1	3/4"	19/32"	100
LI 12	3/4"	5/8"	100
LI 16	7/8"	3/4"	100





Introducing the NEW BEND ARC

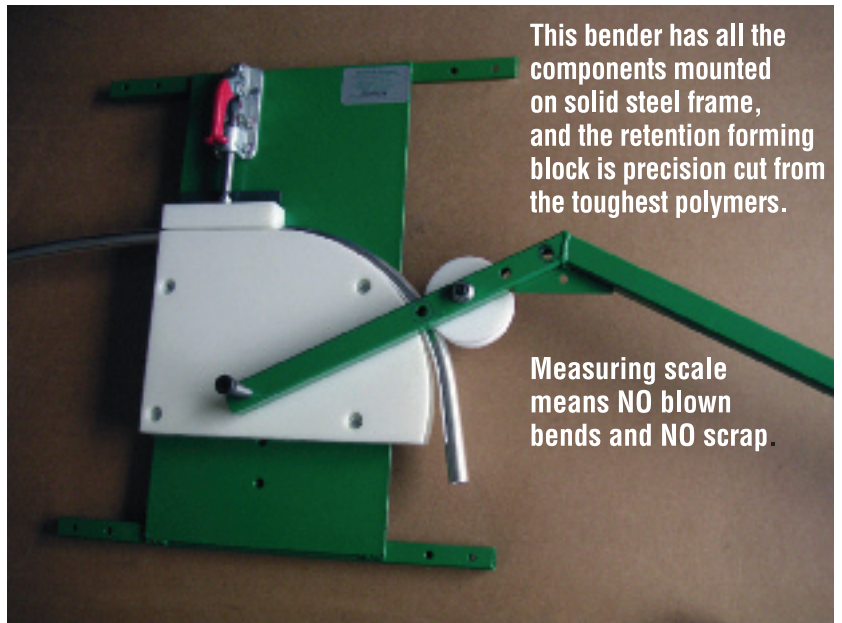
Today many tubing benders offer features such as easy operation, measuring aids and portability. A resourceful fabricator may find that an upgrade in bending equipment could benefit his or her business.

The ONLY tubing bender with a computer generated scale that takes the guesswork out of calculating exactly where to make each bend!

BEND ARCS

Style 7/8" OD	BA3478-10	10" RADIUS
1" OD	BA1-10	10" RADIUS
1 1/4" OD	BA125-12	12" RADIUS

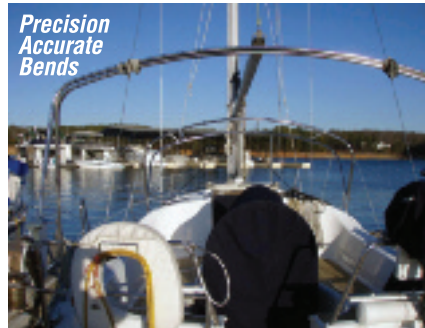
- All components are mounted on steel frame for strength and durability.
- Easily bends 1 1/4", 1", 7/8" and 3/4" stainless and aluminum tubing.
- Available in 6", 8", 10" or 12" Radius.
- Wall mounting saves space.
- Quick-Switch dies are available to change radius and O.D. of bender.



This bender has all the components mounted on solid steel frame, and the retention forming block is precision cut from the toughest polymers.

Measuring scale means NO blown bends and NO scrap.

**This scale means...
You don't waste time figuring, calculating,
just measure, cut and bend.**



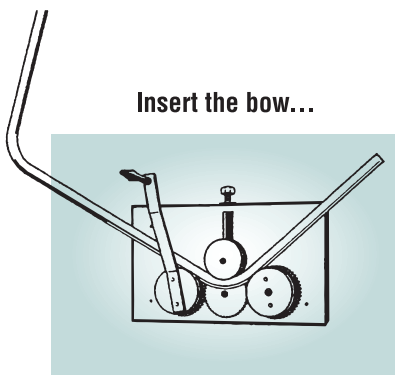
Precision
Accurate
Bends



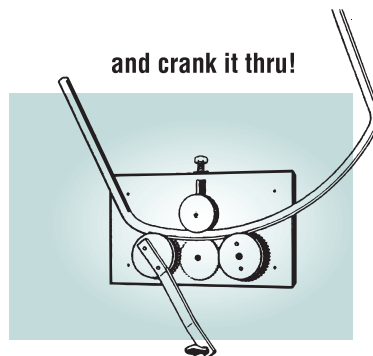
Save Time
and Increase
Profits

CROWN ARC

The Crownarc is just as easy: insert your bow as in illustration and tighten the knurled knob 1/2 to 1 turn and crank the bow through. If you wish more arc, tighten some and crank the bow back. Crowns 3/4", 7/8" or 1" tubing. Also available in 1 1/4". (1 1/4" Switchover Kits also available)



Insert the bow...



and crank it thru!



CROWNARC STYLE: CA 13478HD
1 1/4" STYLE: CA 125HD



ALUMINUM & STAINLESS STEEL TUBING

For BIMINI Top & Boat Framework



All our stainless steel tubes come paper sleeved. Each has a highly bright polished surface. Our aluminum tubing is all bright dipped anodized against corrosive effects of salt water. Remember: Manart's tubing, whether stainless or aluminum is fabricated of the finest of material at the start. All our frame tubing is "American Made".

We feel imported stainless steel tubes are not up to American standards. If you have had trouble with kinking, spring back or corrosion, try our "American" made tubes, and we are sure you will notice the difference!



STAINLESS STEEL TUBING

Style	Wall	Length	O.D.
SST78H	.065	20 ft	7/8"
SST78H24	.065	24 ft	7/8"
SST1H	.065	20 ft	1"
SST1H24	.065	24 ft	1"
SST125H	.065	20 ft	1 1/4"
SST125H24	.065	24 ft	1 1/4"
SST34	.049	20 ft	3/4"
SST7824	.049	24 ft	7/8"
SST78	.049	20 ft	7/8"

ALUMINUM TUBING

Style	Wall	Length	O.D.
AAT34	.065	20 ft	3/4"
AAT78	.065	20 ft	7/8"



BLACK NYLON VADNEY CLIPS

These clips fold in half and get inserted into extrusion rail on windshields. Simply screw a standard screw stud (X810393) into the vadney clip and it opens up holding itself securely in place.

Style: TWC

Put up: 100 or 1,000 per box



ANODIZED ALUMINUM TRAILER MOLDING

Manart's trailer molding is available in 20 foot lengths and 8' for UPS shipment. It is polished and anodized to prevent corrosion due to salt air. Sew Manart's TMVW vinyl or TKW2108 Keder welt in the hem of any fabric, and it will slide easily in our molding for a perfect fit.

Style: AATM8 8' Length

Style: AATM20 20' Length

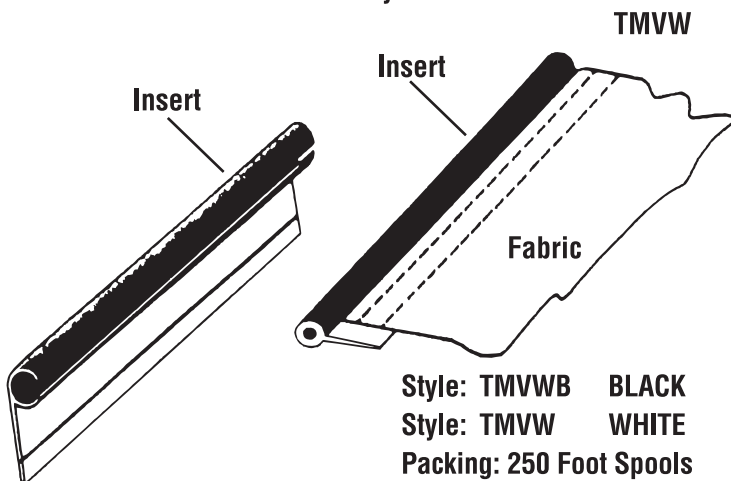
Packing: 25 Lengths Per Carton



photo not to scale

VINYL EXTRUDED WELT

Available in Black or White vinyl



Style: TMVWB BLACK

Style: TMVW WHITE

Packing: 250 Foot Spools

VINYL TRAILER MOLDING

Manart's vinyl trailer molding is available in 20 foot lengths and 8' for UPS shipment. It is easily curved and is impervious to salt air and water. Use Manart's vinyl welt, style TMVW or TKW2108 Keder Welt as in our aluminum molding.

Style: VTMI8 8' Ivory

Style: VTMI20 20' Ivory

Style: VTMW8 8' White

Style: VTMW20 20' White

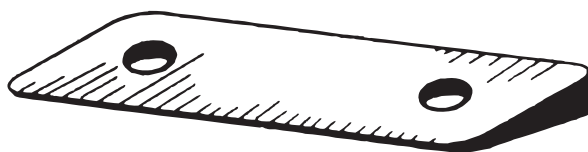
Packing: 10 Lengths Per Carton



photo not to scale

SOLID NYLON PRE-DRILLED 10° WEDGE FOR DECK MOUNTS

Manart's new pre-drilled wedge converts straight deck mounts to 10° angle mounts. Injection molded of high impact nylon. Also for use with our stainless steel, chrome/brass or aluminum boat top hardware.



Style: MH10

Packing: 100 per box

NYLON WINDSHIELD NUT

Our nylon nuts fit into boat windshields that accommodate O.E.M. welting. Instead of using welting, insert these nylon nuts in the windshields groove, then screw in a stainless steel screw stud (X810393-12). Snap your cover on with standard caps & sockets (X210128 & XB10224) as you normally would. A must for every tool box. Fits most groove depths.

Style: NWN

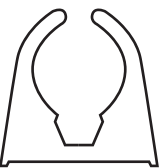
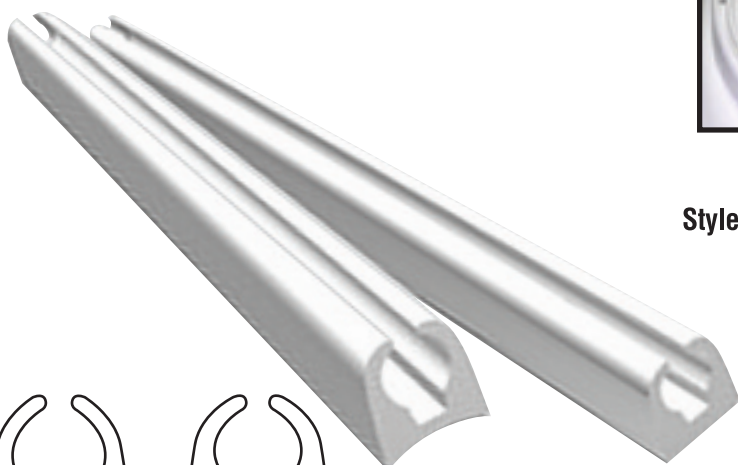
Packing: 100 per box





COSTA TRACK®

Costa track is designed to replace older flange tracks. Its great for enclosures of all sorts and is much more rigid than normal track. Costa track is also available with a concave back to allow for mounting on rails. Costa track comes pre drilled every 4" for quicker installation. Available in ups sized 8' lengths or 20' lengths by truck. Available in white and ivory.



FLAT



CONCAVE

Style	CTW8	8'	White Standard	CTCW8	8'	White Concave
	CTI8	8'	Ivory Standard	CTCI8	8'	Ivory Concave
	CTW20	20'	White Standard	CTCW20	20'	White Concave
	CTI20	20'	Ivory Standard	CTCI20	20'	Ivory Concave

Tentkeder Trailer Molding Welting

Our Tentkeder trailer molding welting has a durable fabric covering over a vinyl insert. Instead of sewing your fabric to a vinyl tongue, you sew directly to a fabric tongue so there is no chance of ripping the vinyl tongue due to needle holes. Our style TKW2108 fits our AATM aluminum trailer molding or our VTMI and VTMW heavy duty vinyl trailer molding. It is also the perfect fit for our Costa Track. Our style TKW2107 fits Flex-A-Rail vinyl track. Put-up: 110 yds per roll.



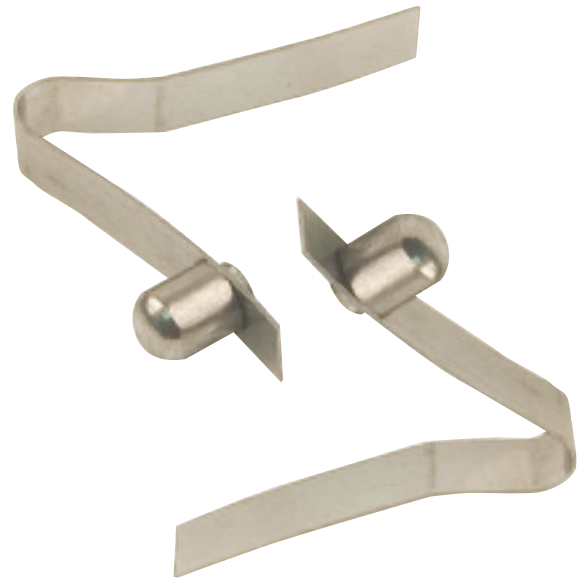
Style: Single tongue	TKW2108	White for standard track
Single tongue	TKW2108B	Black for standard track
Single tongue	TKW2107	White for flex-a-rail
Single tongue	TKW2107B	Black for flex-a-rail



STAINLESS STEEL SPRING BALLS

Our Stainless Steel Spring Balls fit into our SST78 Stainless Steel Tubing. The SST78 tube then slides into our SST1 tube as a sleeve. By drilling holes in the SST78 at specified intervals, you now have adjustable stansions for any bimini top or navy top. Our #6101 7/8" Stainless Steel slip fit eye ends fit on one end of the stancion and our #6103 1" slip fit eye ends fit on the other. Both eye ends fit into standard deck mounts whether the base is 90 degrees, 10 degree or concave.

STYLE: SB3478



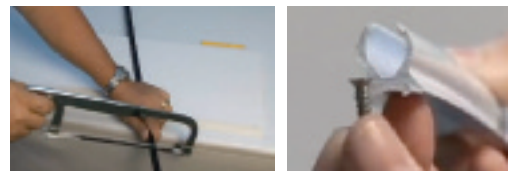
FLEX-A-RAIL MOLDING



Flex-A-Rail is used as you would our standard vinyl or aluminum trailer molding. The benefit of our Flex-A-Rail is that there is no flange. No flange means radical bends and compound curves can be made without notching. Flex-A-Rail can be cut with a standard hacksaw. Installation is easy by drilling holes to accommodate #6 screws every 4 to 12 inches through the center of the track. Screw down with #4 x 3/4" Stainless Steel flat head screws. (Double screws may be used at ends if high load is anticipated) and your installation is complete. Flex-A-Rail is perfect for radar arches as it is standard equipment on many new boats. Our TMVW and our narrow tentkeder weltings are a perfect match for Flex-A-Rail

COLOR: WHITE PUT-UP: 7-1/2 FT. Lengths **STYLE: Flex 76**

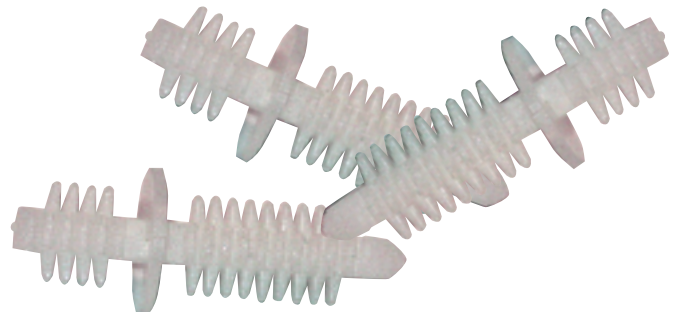
COLOR: BLACK PUT-UP: 7-1/2 FT. Lengths **STYLE: Flex 76B**



X-MAS TREE FASTENERS

Our x-mas tree fasteners are made of heavy duty nylon. They are double ended with an inner stop so when they are inserted into plywood or fiberglass, they stop at the appropriate depth. The overall length is 1.35" and the hole size diameter is .312" (5/16"). Perfect for installing cockpit bolsters and cushions when there is no access to the back.

STYLE: XTF
Packaged: 100 pieces per box

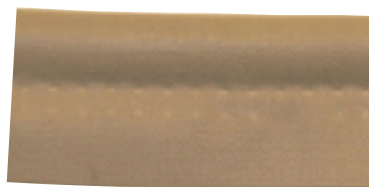




WINDSHIELD SPRAY WELTING

This foam spray welting is made to be sewn on the navy top where it meets the windshield. The soft foam welt presses against the windshield preventing any spray from leaking between the top and windshield. Also available is our SW38R Black Rubber with hollow center

- STYLE: SW38: 3/8" GRAY - Put-up 500 ft spool**
- STYLE: SW12: 1/2" BLACK - Put-up 500 ft spool**
- STYLE: SW38R: 3/8" BLACK RUBBER - Put-up 300 ft spool**



SW38



SW38R

PROTECT-O-CLIP TWINS

The Protect-O-Clip twin has two functions. When snapped onto a 7/8" OD navy top frame it keeps the clear vinyl window from touching the sun heated framework and scorching the vinyl. When the frame is closed it holds the frame secure and rattle free when underway.

COLOR: Black PCT78B, NATURAL PCT78



PROTECT-O-CLIP CLEAR VINYL WINDOW PROTECTION CLIP

Finally an easy inexpensive product that protects clear vinyl windows from being "scorched" by sun heated boat top frames. These Delrin "Protect-O-Clips" snap onto 7/8" or 1" stainless steel or aluminum tubing, keeping vinyl windows from touching sun heated framework. Face of clips have channels to help provide cooling.

STYLE: PC78
Also available: PC1 for 1" OD Tube



X-TRA SEAL

1 1/2" Black X-Tra Seal
Put-up: 100 Ft Spools
Style: **SW150**





TOP SNAPPER

Manart's Top-Snapper canvas snap tool takes the struggle out of snapping or unsnapping your boat canvas. The only canvas snap tool that will work on either inside or the outside snaps, the Top-Snapper's stainless steel notched blades slip over the snap shoulder so that you can position and snap it closed.

- Makes snapping boat covers and tops easy
- Dual stainless steel blades to align and fasten inside and outside snaps
- Ideal for unsnapping snaps without damaging the canvas
- Works on corroded snaps and shrunken canvas
- Easy-to-grip rubberized handle
- Lifetime warranty

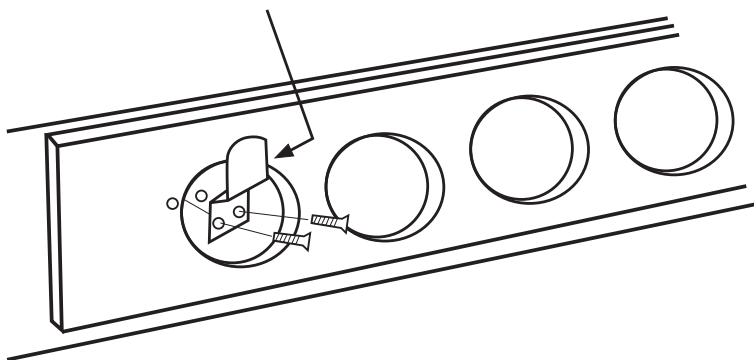
Style: TSFT2



SPEED-EZ BOLSTER CLIPS

Our Bolster Clips make installation of cockpit bolsters a snap. Just drill a 2" hole in the 1/2" starboard or plywood that the bolster is attached to, screw the Bolster Clip to the boat and hang the bolster. Made of solid 1/8" aluminum These clips make it easy to install and remove bolsters.

Style: BC



SWING LEG SEAT SUPPORTS

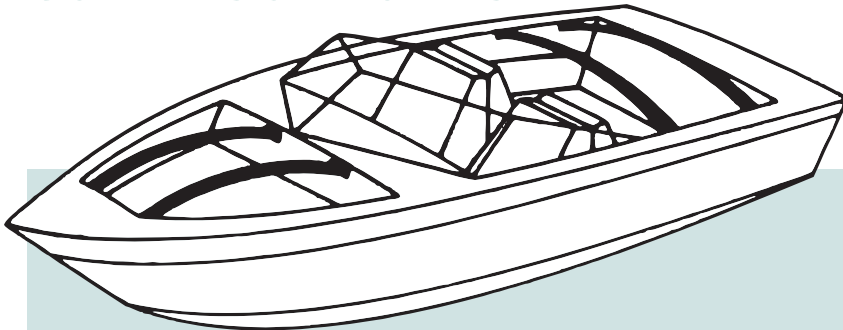
Our stainless steel Swing Leg Seat supports are easy to install and simple to use. Made of T304 stainless steel with heavy duty rubber crutch tip to protect deck. Easy push pin operation allows leg to drop down or retract. Provides great support. Length: 16"

Style: SSL





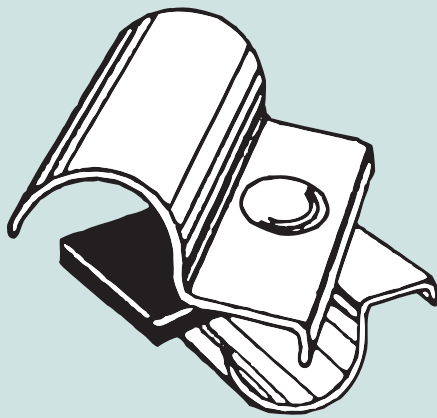
FIBERGLASS BOAT COVER SUPPORTS



Bow sockets for below are available in aluminum, nickel die cast and nylon.

Style	Size	Color
FB6HD	6 ft.	White Heavy Duty Fiberglass Bows
FB8HD	8 ft.	White Heavy Duty Fiberglass Bows

All Bows Are 1/4" Thick X 1 3/4" Wide



Kover Klamps

Parts List

- K60** Kover Klamp
- STC105** Steel Coupling
- SSL2** Steel Slide Lock
- RT3** Rubber Tips
- RP4** Protection Pads
- CCS5** Color Code System
- EP7** End Plugs
- RKR** Replacement Rubber Clamp Insert

KOVER KLAMPS
wall posters are
available at **NO Charge**

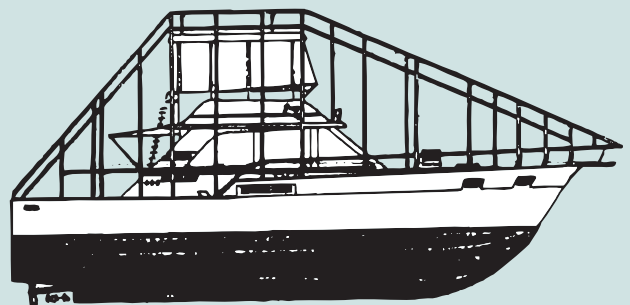
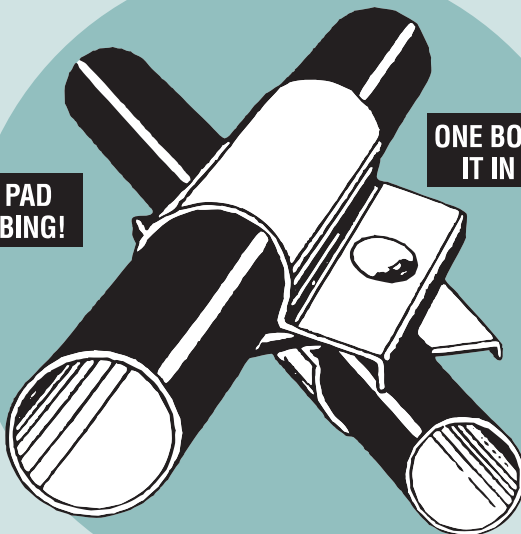
Kover Klamps are a patented, heavy gauge, zinc plated steel clamping device specifically designed to hold tubing at any angle and adjustment. Now you can provide dependable all-winter, all-weather protection for even the largest of boats with a professionally engineered framing system. Once the frame is assembled, it will assemble the exact same way every year so that any custom fitted winter cover will be an exact fit year after year. And with a Kover Klamps framing system you can be assured that the boat has the very best protection from the ravages of ice and snow each and every winter. Kover Klamps are assembled with inexpensive easy to use 3/4" inside diameter "EMT" conduit. And Kover Klamps frames can be easily reused for your customers next boat utilizing all of the Kover Klamps and much of the tubing.

CLAMPS AT EVERY ANGLE!

RUBBER PAD GRIPS TUBING!

ONE BOLT LOCKS IT IN PLACE!

FITS INEXPENSIVE 3/4" E.M.T.





MANART AQUA-VIEW® CLEAR WINDOW VINYL

Clear Transparent Flexible Vinyl Sheets

Style	Gauge	Size	Pieces in Drum
29682	.020	29" X 68"	60
29683	.030	29" X 68"	30
27624	.040	27" X 62"	35
541102	.020	54" X 110"	20
541103	.030	54" X 110"	15
541104	.040	54" X 110"	10
541106	.060	54" X 110"	10
541102SM	.020	54" X 110" (Smoke Tint)	20
541103SM	.030	54" X 110" (Smoke Tint)	15
541104SM	.040	54" X 110" (Smoke Tint)	10
541104SMD	.040	54" X 110" (Extra Dk. Smoke)	20

Large sheets are packed 5 sheets per drum for easy shipping



Aqua-View

By Manart-Hirsch

Manart Aqua-View flexible vinyl sheets are ideal for boat and tent windows. Our extra large sheets are manufactured specifically for bimini and bridge enclosures. All are UVR treated. Aqua-View has been a standard in the marine industry for over 40 years.

STRATAGLASS™

STRATAGLASS

Scratch resistant pressed polished clear vinyl for marine windows

STRATAGLASS is scratch resistant, UV blocking, coated, press polished clear vinyl designed for applications in today's environment. Where perfection of clarity and lack of distortion is demanded. STRATAGLASS is the marine vinyl of choice by marine canvas fabricators and boat builders. The technology that went into the formulation of the coating of STRATAGLASS results in a product that stays cleaner and clearer for years with less maintenance than normal clear vinyls. Sheet size is a jumbo 54" x 111" Put-up: 5 Sheets per drum.

Style	
541113SR	.030 CLEAR
541114SR	.040 CLEAR
541116SR	.060 CLEAR
541114SRSM	.040 FLORIA SMOKE
541114SRSM D	.040 EXTRA DARK SMOKE

Crystal Clear

20/20

Clear Transparent Flexible Vinyl Sheets

Clearly The Transparent Choice

Crystal 20/20 pressed polished clear vinyl for marine windows is manufactured by the same company that manufactures STRATAGLASS. They use the same base film without their scratch resistant finish. Available in: .030, .040 and .060 guage. Put-up: 5 Sheets per drum.



Style	
541113CR	.030 GUAGE CLEAR
541114CR	.040 GUAGE CLEAR
541116CR	.060 GUAGE CLEAR
541114CRSM	.040 GUAGE REGULAR SMOKE
541114CRSM D	.040 GUAGE DARK SMOKE



CLEAR TRANSPARENT FLEXIBLE VINYL 54" WIDE AQUA-VIEW®

These rolls of double polished clear vinyl may be used for automobile covers, porch awning side drops, tents and in boat side curtains where the clarity is not of prime importance. For boat side curtains and marine applications where clarity is of prime importance use our press polished sheets.



Style	Gauge	Description	Yards Per Roll
541675	.016	Clear-Best for seat covers	75
541625	.016	Clear-Best for seat covers	25
542060	.020	Clear-for boat work UVR	60
542030	.020	Clear-for boat work UVR	30
542060SM	.020	Florida Smoke for boat work UVR	60
542030SM	.020	Florida Smoke for boat work UVR	30
543019	.030	Clear-for boat work UVR	19
543038	.030	Clear-for boat work UVR	38
543019SM	.030	Florida Smoke for boat work UVR	19
544015	.040	Clear-for boat work UVR	15
5430195	.030	Clear Extruded	20

CLEAR TRANSPARENT FLEXIBLE VINYL 54" WIDE AQUA-VIEW®

**.030 Gauge
Flame Retardant**



Our 54" .030 Flame retardant Aqua-View is manufactured from the same composites as our normal marine Aqua-View. The same UVR inhibitors and -20 degrees cold crack. Our .030 Flame retardant Aqua-View meets California Fire Marshall Approval. Certification available. Great for all commercial outdoor drop curtains and tents. Put-up: 19 yards per roll **Style: 543019FR**



CLEAR RIGID AQUA-LITE® FOR BIMINI ENCLOSURES

Manart's new rigid Aqua-Lite for bimini enclosure windows allows your customer to have a clear rigid window incorporated with standard drop curtains. There is no need for special tools or fabrics. Our .060 and .030 gauge windows can be sewn directly to the fabric whether it be Sunbrella, Aqua Tex II, Dacron cover cloth, Top Gun, etc.. Aqua-Lite sheets are available in cost effective 48" x 96" size. Easily cut to any shape with standard sheet metal shear. Because Aqua-Lite sheets only bend nominally, the suggested uses is in areas where the windows remain in place and not be removed on a regular basis. One common use is for the front panels of enclosures on hard tops, where panels can be snapped up to the hard top when not in use. Protective film protects windows until installed.

Available in Crystal Clear only.

Style
AL48966 .060 GAUGE CLEAR
AL48963 .030 GAUGE CLEAR

Aqua-Lite
By Manart-Hirsch

AQUA-LITE® SR - SCRATCH RESISTANT

Aqua-Lite^{SR}
By Manart-Hirsch

Manart's Aqua-Lite SR is our most popular polycarbonate. Available in .060 gauge, it has a scratch resistant coating with UVR inhibitors to prevent degradation from the sun's harmful rays. Available in 48" x 96" **Style: AL48966SR**



**ACRYLIC AWNING &
MARINE FABRIC**
by Glen Raven Mills



46" WIDTH SUNBRELLA

AC4600	Erin Green	AC4645	Seagrass Green
AC4601	Pacific Blue	AC4646	Captain Navy
AC4602	Yellow*	AC4648	Taupe
AC4603	Jockey Red*	AC4650	Teal Tweed
AC4604	Natural (White)	AC4651	Silver
AC4605	Hemlock Tweed	AC4652	Mediterranean Blue
AC4606	Dubonnet Tweed	AC4653	Mediterranean Blue Tweed
AC4607	Charcoal Tweed	AC4654	Linen Tweed
AC4608	Black	AC4655	Alpine
AC4609	Orange*	AC4656	Spruce
AC4610	Turquoise	AC4658	Brass
AC4612	Aruba	AC4665	Concord*
AC4614	Tan	AC4666	Logo Red*
AC4615	Smoke	AC4667	Mahogany*
AC4616	Mocha	AC4668	Aspen
AC4617	Royal Blue	AC4671	Fern
AC4618	Walnut	AC4672	Heather Beige
AC4619	Pumpkin	AC4673	Spa
AC4620	Beige	AC4674	Wheat
AC4621	True Brown	AC4675	Capri
AC4622	Terra Cotta	AC4676	Cocoa
AC4623	Aquamarine	AC4677	Tuscan*
AC4624	Sky Blue	AC4678	Marine Blue
AC4625	Gold	AC4679	Ocean Blue
AC4626	Navy	AC4682	Granite
AC4627	Salmon	AC4683	Parchment
AC4628	Toast	AC4684	Slate
AC4630	Cadet Gray	AC4685	Gingko
AC4631	Burgundy	AC4686	Nutmeg
AC4633	Linen	AC4687	Mineral Blue
AC4635	Buttercup	AC4688	Basil
AC4637	Forest Green	AC4689	Rust
AC4640	Black Cherry	AC4695	Tresco Linen
AC4641	Sapphire Blue	AC4696	Tresco Birch
AC4642	Oyster	AC4697	Tresco Ginger
AC4643	Persian Green	AC4698	Tresco Clay
AC4644	Charcoal Gray	AC4699	Tresco Brick

- Fade Resistant
- Water Repellant
- Mildew & Rot Resistant
- Breathable
- Superior Fabrication
- 10 Year Warranty

AcryBind
By Manart-Hirsch

**3/4" 2 ET, 1" 2 ET and 1 1/4" 1ET
Sunbrella Binding is Available to
Match Every Color.**

46"



sunbrella®

**ACRYLIC AWNING &
MARINE FABRIC**
by Glen Raven Mills



60" WIDTH SUNBRELLA

AC6000	Erin Green	AC6051	Silver
AC6001	Pacific Blue	AC6052	Mediterranean Blue
AC6002	Sunflower Yellow*	AC6053	Mediterranean Blue Tweed
AC6003	Jockey Red*	AC6054	Linen Tweed
AC6004	Natural (White)	AC6055	Alpine
AC6005	Hemlock Tweed	AC6056	Spruce
AC6006	Dubonnet Tweed	AC6058	Tresco Brass
AC6007	Charcoal Tweed	AC6065	Concord*
AC6008	Black	AC6066	Logo Red*
AC6009	Orange*	AC6067	Mahogany*
AC6010	Turquoise	AC6068	Aspen
AC6014	Tan	AC6071	Fern
AC6016	Mocha	AC6072	Heather Beige
AC6017	Royal Blue	AC6073	Spa
AC6018	Walnut	AC6074	Wheat
AC6020	Beige	AC6075	Capri
AC6021	True Brown	AC6076	Cocoa
AC6022	Terra Cotta	AC6077	Tuscan*
AC6023	Aquamarine	AC6078	Marine Blue
AC6024	Sky Blue	AC6079	Ocean Blue
AC6026	Navy Blue	AC6082	Granite
AC6027	Salmon	AC6083	Parchment
AC6028	Toast	AC6085	Ginko
AC6030	Cadet Gray	AC6087	Mineral Blue
AC6031	Burgundy*	AC6088	Basil
AC6033	Linen	AC6089	Rust
AC6035	Buttercup	AC6095	Tresco Linen
AC6037	Forest Green	AC6096	Tresco Birch*
AC6040	Black Cherry	AC6097	Tresco Ginger*
AC6041	Shapphire Blue	AC6098	Tresco Clay*
AC6042	Oyster	AC6099	Tresco Brick*
AC6043	Persian Green	AC2340	Sapphire Blue Tweed
AC6044	Charcoal Gray	AC2370	Hunter Green Tweed
AC6045	Seagrass Green	AC2389	Toast Tweed
AC6046	Captain Navy	AC1031	Pewter
AC6048	Taupe	AC1036	Marine Midnight
AC6050	Teal Tweed		

- **Fade Resistant**
- **Water Repellant**
- **Mildew & Rot Resistant**
- **Breathable**
- **Superior Fabrication**
- **10 Year Warranty**



60"



**ACRYLIC AWNING &
MARINE FABRIC**
by Glen Raven Mills



80" WIDTH SUNBRELLA

Colors Available

AC80001 Pacific Blue	AC80031 Burgundy
AC80003 Jockey Red	AC80028 Toast
AC80004 Natural (White)	AC80037 Forest Green
AC80008 Black	AC80046 Captain Navy
AC80026 Navy Blue	AC80079 Ocean Blue
AC80030 Cadet Gray	

Put-up: 50 yards per roll

80"

SUNBRELLA SUPREME 60"

Put-up: 40 yards per roll

Colors Available

AC9401 Pacific Blue	AC9408 Black	AC940801 Black/Linen	AC940802 Black/Gray
AC9431 Burgundy	AC943101 Burgundy/Linen	AC9437 Forest Green	
AC943701 Forest Green/Linen	AC9446 Captain Navy	AC944601 Captain Navy/Linen	

SUNBRELLA VIEW 60"

Put-up: 50 yards per roll

Colors Available

SV39001 Pacific Blue	SV39004 White	SV39008 Black	SV39021 True Brown
SV39028 Toast	SV39030 Gray	SV39033 Linen	SV39037 Forest Green
SV39044 Charcoal Gray	SV39046 Captain Navy	SV39048 Taupe	SV39051 Silver
SV39072 Heather Beige			

SUNBRELLA FIRESIST 60"

**California Fire Marshall Flame Certificate
is available with your Firesist Purchase**

Sunbrella Firesist is a solution dyed polyester fabric that can be used wherever the look and durability of Sunbrella is wanted but flame retardancy is required. New 60" width is now available.

Available in 13 solid colors and 3 stripes.

Color cards are available upon request.

Put-up: 60 yards per roll

Stripe Colors Available

82020 Boulevard Crimson
82019 Boulevard Sunburst Yellow
82018 Boulevard Forest

Solid Colors Available

82015 Ivory	82010 Admiral Navy
82006 Sand	82000 Regatta Blue
82012 Toasty Beige	82005 Regatta Blue Tweed
82013 Sunburst Yellow	82016 Burgundy
82003 Forest Green	82017 Crimson Red
82002 Forest Green Tweed	82014 Terracotta
82008 Black	



HAARTZ

SEAMARK VINYL COATED SUNBRELLA

Seamark is the best of both worlds when it comes to boat top fabrics. Sunbrella acrylic marine fabric is coated on the underside with marine vinyl. The color of the vinyl correlates with the Sunbrella top. Because of the vinyl coating, the top is now water-proof. For best results the navy or bimini top should be made from the Seamark and the rest of the enclosure of boat cover should be made from regular Sunbrella to enable air to circulate. The 60" width makes the fabric very cost effective in most applications. Put-up: 50 yards per roll.



Colors Available

VC2340	Sapphire Tweed	VC6007	Charcoal Tweed	VC6037	Forest Green
VC2370	Hunter Tweed	VC6008	Jet Black	VC6042	Oyster
VC2389	Toast Tweed	VC6017	Royal Blue Tweed	VC6046	Captain Navy
VC6001	Pacific Blue	VC6026	Navy Blue	VC6050	Teal Tweed
VC6003	JockeyRed	VC6030	Cadet Gray	VC6053	Mediterranean Blue Tweed
VC6005	Hemlock Tweed	VC6031	Solid Burgundy	VC6054	Linen Tweed
VC6006	Dubonnet Tweed	VC6033	Linen		



SUNBRELLA PLUS 60" URETHANE COATED SUNBRELLA

Sunbrella Plus is highly water resistant Sunbrella. The base fabric is regular Sunbrella with a light urethane coating on the inside bringing the total weight to only 10 oz. per square yard. This makes Sunbrella Plus perfect for use where regular Sunbrella is used but a more water resistant finish is required. There are now 14 colors available. Put-up: 50 yards per roll.

Colors Available

AC8401	Pacific Blue	AC8417	Royal Blue Tweed	AC8437	Forest Green
AC8403	Jockey Red	AC8423	Aquamarine	AC8442	Oyster
AC8404	Natural (White)	AC8428	Toast	AC8443	Persian Green
AC8406	Dubonnet Tweed	AC8430	Cadet Gray	AC8446	Captain Navy
AC8408	Black	AC8431	Burgundy	AC8479	Ocean Blue

CARE AND CLEANING OF SUNBRELLA

Sunbrella fabric should be cleaned regularly before substances such as dirt, roof particles, etc., are allowed to accumulate on and become embedded in the fabric. The fabric can be cleaned without being removed from the installation. Simply brush off any loose dirt, roof particles, etc., hose down and clean with mild solution of natural soap such as Lux or Ivory in luke-warm water (no more than 100° fahrenheit). Rinse thoroughly to remove soap. Do not use detergents.





TOP GUN

MARINE POLYESTER

The Ultimate Marine Cover Fabric

- 62" width, 11 oz. per square yard weight
- 100% polyester high count woven base fabric
- Acrylic impregnation coated
- Stay-true long lasting colors
- Super high strength and abrasion resistant
- Breathable
- Mildew and ultra-violet resistant - water repellent
- Stabilized - maximum stretch or shrinkage less than 1%



CHARCOAL 458	ARCTIC WHITE 468	BURGUNDY 476	AQUAMARINE 462	CHOCOLATE BROWN 469
SUNSET RED 477	CARIBBEAN BLUE 463	BUCKSKIN TAN 470	TEAL 478	ROYAL BLUE 464
SAND 461	HEMP BEIGE 465	TAUPE 459	ONYX BLACK 471	FOREST GREEN 479
TURQUOISE 466	INDIAN BIRCH 472	HARBOR BLUE 473	SEA GULL GREY 467	NAVY 474

TOP GUN™ fabric may be cleaned with a cleaning solution of 4 ounces of bleach and 2 ounces of mild soap mixed in one gallon of warm (100° F) water. Do NOT use detergents. Use a soft, bristled brush to lift soil embedded in the fabric surface. Rinse thoroughly with clean water to remove soil and soap residue. After thorough cleaning and drying, water repellency may be reduced. The water repellency can be improved by an application of **AQUA-TITE® GREEN** water & stain repellent.



SOLUTION DYED POLYESTER MARINE FABRIC

Top notch is a 100% solution dyed polyester fabric (840 denier) with a fluorocarbon water repellent finish, resulting in a fabric that is breathable, reversible and has a luxurious hand. Because the yarn is solution dyed, color fastness is exceptional and the fabric carries a 5 year warranty. Top Notch is the ultimate fabric that combines strength, abrasion resistance, dimensional stability and UV resistance.

Top Notch can be used for many outdoor applications such as marine tops, trailer covers, awnings, gazebos, canopies, patio furniture and anywhere that a reversible and breathable fabric is needed. Top Notch is 60" wide and has a weight of 11.5 oz per square yd.



Put-up: 50 yards per roll.

STYLE NO AND COLOR

TN558 CHARCOAL	TN559 TAUPE	TN563 BLUE
TN567 GRAY	TN570 TAN	TN571 BLACK
TN574 NAVY BLUE	TN576 BURGUNDY	TN577 RED
TN579 FOREST	TN581 YELLOW	TN594 OCEAN BLUE



E-Z LACE®



Put-up 50 yards per roll.

Our E-Z lace is a 2 1/8" wide woven tape made from 42% solution dyed acrylic and 58% solution dyed polyester. The acrylic gives it the look and feel of sunbrella and the polyester gives it extra strength. Holes are woven into the tape and the tape is sewn directly to the awning in place of grommets sleeves. Just lace the awning as you normally would. Saves time, labor and money. Available in most popular Sunbrella colors.



ODYSSEY III

64" WIDE COATED POLYESTER



STYLE NO AND COLOR

0449 BLACK	0491 BROWN	0461 SAND
0480 ROYAL BLUE	0492 CHARCOAL	0408 TAUPE
0483 RED	0493 LAKESIDE BLUE	
0484 AQUAMARINE	0494 CARIBBEAN BLUE	
0487 WHITE	0496 BURGUNDY	
0488 FOREST GREEN	0497 TURQUOISE	
0489 SILVER GREY	0498 HARBOR BLUE	
0449 TEAL	0499 BIRCH	

ODYSSEY III is impregnation coated, 100% woven polyester suitable for many indoor or outdoor applications. This fabric features high strength, dimensional stability, abrasion, mildew and ultraviolet resistance.

ODYSSEY III is produced with a clear seal coat to provide a high degree of water resistance for such end uses as boat covers, canopies and various other types of outdoor protective covers.



Weight, oz. sq yd:	6.5
Water Repellency Spay Rating:	90
Tensile Strength lbs. warp x fill:	315 x 250
8" hydrostatic 10 minutes:	0
Tongue tear lbs. warp x fill:	20 x 18

Put-up: 75 yards per roll



MUSTANG

Marine Polyester

Mustang is an acrylic coated 9 oz. per square yard, 62" wide, 100% woven polyester fabric (450 denier) with a proprietary coating on the top and bottom, allowing the fabric to be completely reversible. It is characterized by excellent strength, durability, tear and abrasion resistance, dimensional stability, UV and mildew resistance. Mustang is a medium weight fabric that will provide long lasting durability and performance without the high cost and weight of other fabrics. Mustang can be used for many outdoor applications such as marine tops, bimini tops, trailer covers, gazebos, canopies, tarps, playground & equipment covers, BBQ grill covers, patio furniture and many other useful applications.

Mustang is available in 20 popular colors:

- Performs as well as heavier, more expensive fabrics
- Lighter than higher end fabrics
- Better performing than lower end fabrics
- Mildew resistant
- High abrasion resistance
- Highly water repellent
- Completely reversible
- Custom colors are easily made
- Protected by a 4 year warranty



CHARCOAL 858	ARCTIC WHITE 868	BURGUNDY 876	AQUAMARINE 862	CHOCOLATE BROWN 869
SUNSET RED 877	CARIBBEAN BLUE 863	BUCKSKIN TAN 870	TEAL 878	ROYAL BLUE 864
SAND 861	HEMP BEIGE 865	TAUPE 859	ONYX BLACK 871	FOREST GREEN 879
TURQUOISE 866	INDIAN BIRCH 872	HARBOR BLUE 873	SEA GULL GREY 867	NAVY 874

MUSTANG™ fabric may be cleaned with a cleaning solution of 4 ounces of bleach and 2 ounces of mild soap mixed in one gallon of warm (100° F) water. Do NOT use detergents. Use a soft, bristled brush to lift soil embedded in the fabric surface. Rinse thoroughly with clean water to remove soil and soap residue. After thorough cleaning and drying, water repellency may be reduced. The water repellency can be improved by an application of **AQUA-TITE® GREEN** water & stain repellent.



FERRARI® MARINE FABRICS

STAMOID

STAMOID

STAMOID is available in superlight (8.3 oz. per sq. yd) and double coated (12.7 oz. per sq. yd) is an extremely strong vinyl reinforced with high tenacity polyester. Stamoid has outstanding resistance to UVR and seagull droppings, as well as its excellent flexibilitiy, dirt-repellency and mildew resistance. All colors are available in the 59"width and many of the other colors are available in an 80" width. Stamoid is perfect for most marine applications, such as bimini tops, mooring covers, cockpit covers, convertible tops and camper backs.



STAMOID OPEN

STAMOID OPEN is an extra wide (19 oz. per sq. yd) vinyl coated polyester. This extra heavyweight marine fabric has excellent tensile and tear strength. Easy to clean and comes with 5 year warranty.

Put-up: 32.81 yards per roll

Style

ST4463W	102"	White
SS4463SW	102"	Snow White
SS4463I	102"	Ivory
SS4463BL	72"	Black

	DOUBLE COATED STAMOID	
	59"	80"
White	ST59HWH	ST80HWH
Cream	ST59HCR	ST80HCR
Ivory	ST59HIV	ST80HIV
Snow White	ST59HSWH	ST80HSWH
Sand	ST59HSAND	N/A
Pearl Gray	ST59HPG	N/A
Light Blue	ST59HLTB	N/A
Royal Blue	ST59HROY	N/A
Ocean Green	ST59HOCGR	N/A
Black	ST59HBL	ST80HBL
Evergreen	ST59HEV	N/A
Burgundy	ST59HBOR	N/A
Navy	ST59HNAVY	N/A

	SUPER LIGHT STAMOID	
	59"	80"
White	ST59WH	ST80WH
Cream	ST59CR	ST80CR
Ivory	ST59IV	ST80IV
Sand	ST59SAND	ST80SAND
Pearl Gray	ST59PG	ST80PG
Light Blue	ST59LB	ST80LB
Royal Blue	ST59ROY	ST80ROY
Ocean Green	ST59OGR	ST80OCGR
Black	ST59BL	ST80BL
Navy	ST59NAVY	ST80NAVY
Silver	ST59SIL	N/A
Snow White	ST59SWH	ST80SWH
Evergreen	ST59EVG	ST80EVG
Burgundy	ST59BOR	ST80BOR

Put-up: 59" WIDTH 54.68 yards per roll
Put-up: 80" WIDTH 32.81 yards per roll

SOLTIS® 86

Put-up: 54 yards per roll

STAMOID SOLTIS 86 Mesh is a premium, flexible vinyl coated mesh. This (11.2 oz. per sq. yd) fabric is dimensionally stable making it perfect for privacy sun screens on boat windows. The 70" width means less labor

Style	
S86W	White
S86BLK	Black
S86S	Sand
S86G	Gray



Weblon[®] regatta[™] Yacht Fabrics

Typical Performance Properties (Average)

Width	62"
Roll Size	50 yd.
Total Weight	13 (oz./sq yd.)
Tensil Strength (lbs./in.)	W 225 F 160
Tear Strength (lbs.)	W 25 F 25
Elongation % (50 lb. pull)	W 1.8 F 2.7 D 7.9
Fabric	18 x 14 500 D

*Weight and roll size are nominal
test values are minimum specifications*

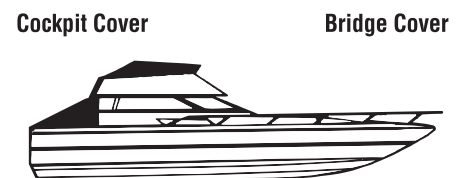
- Rain Kleen[®] finish on weather side
- Waterproof and mildew resistant
- High, lasting strength - light weight
- Dimensional stability - all weather
- Heat, cold and abrasion resistant
- White tops reflect heat, pastel linings relieve glare
- Widest color selection
- Compact storage

Matching binding is available in 3/4" and 1"

75AQW 3/4" White	75AQI 3/4" Ivory
1RW 1" White	1RI 1" Ivory

For all pleasure craft, power or sail, weblon regatta marine fabrics with rain kleen finish provide the best answers for marine fabric accessories such as lace-on "t" tops, enclosure borders and curtains, awnings, bimini tops, sun covers, navy and convertible tops, mooring and protective covers of all types. Weblon regatta marine fabrics are designed specifically for the rigorous top side exposure and the weather challenges of the open marine environment. This performance composite fabric is formulated with high quality vinyl with an inner reinforcing core fabric woven from high tenacity yarns. The exclusive rain kleen finish on the weather side provides ease of cleaning, prolongs the life of the fabric and adds to the pleasing appearance of the surface. Weblon regattas extreme strength and multidirectional stretch resistance, including the bias direction, affords superior contouring and lasting, trim fit.

Style	Color
W62BLK	Black/Black
W62I	Ivory/Ivory
W62W	White/White
W62ID	Ivory/Driftwood
W62IS	Ivory/Sand
W62IB	Ivory/Blue
W62IN	Ivory/Navy
W62WD	White/Driftwood
W62GGW	Glade Green/White
W62CW	Coastal White
W62WS	White/Sand
W62WFG	White/Foam Green
W62WB	White/Blue
W62WBLK	White/Black
W62BBW	Bimini Blue/White
W6BUW	Burgundy/White
W62TGW	Tropical Green/White





61" wide, 12.5 oz./sq. yd.
 Put-up: 50 yards per roll

R60W - White **R60I** - Ivory **R60SW** - Snow White

- European softness
- Lightweight
- Engineered reinforcing substrate
- Controlled stretch for ease of fabrication
- High performance fabric
- Environmentally friendly coating
- Easy to clean and maintain
- Mildew resistant
- Colorfast and waterproof
- UV resistant
- Five year limited warranty



HERCULITE
riviera
 MARINE FABRIC

Herculite Riviera Marine Fabric is an American engineered new generation performance textile using a uniquely formulated vinyl film to achieve a soft, supple hand for easy fabrication. It has an inner, reinforcing core fabric woven from high strength polyester yarn. This product has excellent resistance to cold crack, tear, weather, rot, ultra violet rays and seagull dropping. Herculite Riviera fabric's exclusive top coat provides ease of cleaning, prolongs life of the fabric and adds to the pleasing appearance of the surface. The fabric is colorfast, mildew resistant and waterproof. It is well suited for a variety of marine applications such as bimini tops, enclosure curtains, cockpit covers and boat covers, and is backed by Herculite's five year limited warranty.

Typical Performance Properties (Average)

Width	61"
Roll Size	50 yd.
Weight	12.5 (oz./sq yd.)
Break Strength (lbs./in.)	W 248 F 221
Tear Strength (lbs.)	W 11.4 F 11.7
Hydrostatic Burst	252.5 PSI



Matching Riviera binding is available in 3/4" and 1"

75RW	3/4" White	75RSW	3/4" Snow White	75RI	3/4" Ivory
1RW	1" White	1RSW	1" Snow White	1RI	1" Ivory



HAARTZ

VINYL SPORT TOPPING

60" Wide All-Weather Boat Top Fabric

75% Polyester, 25% Cotton Back

Manart Mermaid convertible marine sport topping is absolutely the finest available. This is a 60" wide 25 oz. per lin. yard fabric. Coated on all-weather 25% cotton 75% polyester blend backing, with a gray back. Shrinkage is kept to a 1/2% in both warp and fill because of the polyester blend. Impregnated with UVR and mildew inhibitors in both vinyl top and fabric back for longer life.



Style: 850060	White/Gray	8500EB60	Electric Blue/Gray
8500G60	Warm Gray/Gray	8500B60	Black/Gray
8500T60	Tan/Gray		

BAYLINER®

MARINE FABRICS - BURBANK

60" Wide Mildew Resistant

75% Polyester, 25% Cotton Back

Style: BAY60MB	Marina Blue/Gray
BAY60W	White/Gray
BAY60S	Sand/Gray
BAY60BW	Blue Wave/Gray



VINYL COATED

SUNFORGER*

Manart who sold Vivatex* with all its fine properties, now offers you Sunforger, a new finish with all the characteristics you've come to expect from us. Color fastness, water repellency, mildew resistance. "SUNFORGER", a bright new idea from MF&H.*

Style:		
V3613PG	36" 13 oz. Pearl Gray	Boatshrunk
V3613C	36" 13 oz. Colorless	Boatshrunk
V3613K	36" 13 oz. Khaki	Boatshrunk*
V3613GRY	36" 13 oz. Cadet Gray	Boatshrunk*
V3610PG	36: 10 oz. Pearl Gray	Boatshrunk (<i>Special Marine Finish</i>)

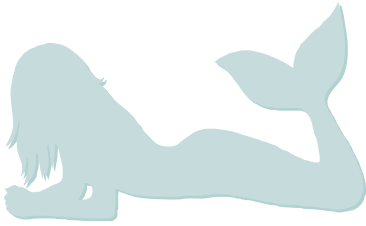


2nds available. Special Order
Pieces 50/60 yards each or 300/400 yard cartons
Exposure shrinkage 2% under normal conditions



MERMAID DACRON COVER CLOTH

This cover cloth is especially made to be fabricated into: Navy Tops, Bimini Tops, Cockpit Covers, Taff Rails, Side Curtains, Aft Curtains and the like. It has the finest silicone water repellent treatment available and is dimensionally stable. Comes in medium finish for ease of sewing. White only. 100 yards per roll.



Style: 54C909 "Mermaid" 6 1/2 oz. sq. yd. cover cloth 54/55" width
54HC909 "Mermaid" 8 1/4 oz. sq. yd. cover cloth 54/55" width

FIBERGLASS INSECT SCREEN

For Tents, Covers, Boat Windows

GREY COLOR 18 X 14 MESH

FS48 48" Width Gray

FS72 72" Width Gray

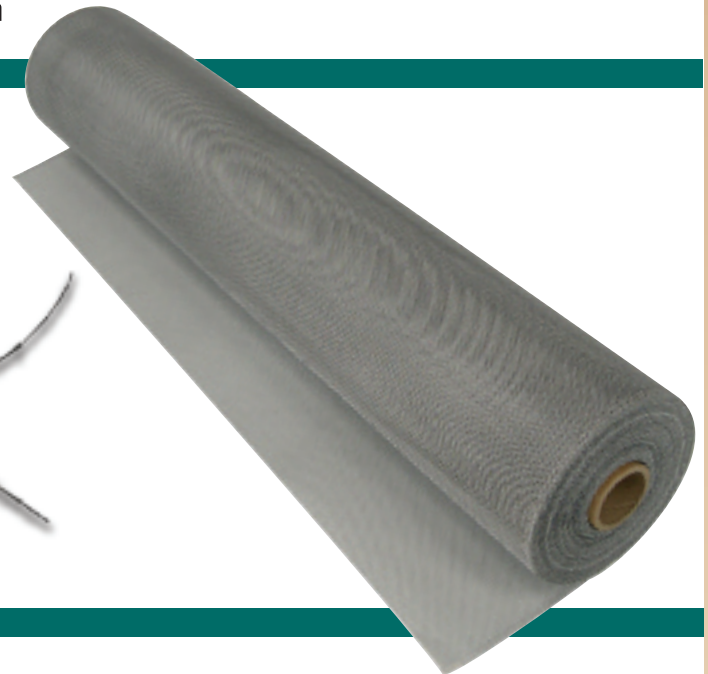
FS72CH 72" Width Charcoal

Put-up: 100 Linear Foot Rolls

FULL ROLLS ONLY

Also available 72" 20 x 20 **NO-SEE-UM**

Charcoal Only Style: **FS72NSU**



RAYNTYTE II MARINE DUCK

RAYNTYTE II Marine Fabric is a blend of 55% Polyester and 45% Cotton. The polyester gives RAYNTYTE II strength. Because it is Polyester/Cotton blend, shrinkage is kept at 1% to 2%, enough for areas such as needle holes to tighten and help prevent leakage. This 10 oz. per square yard fabric is strong enough for large winter storage covers for boats, yet extremely lightweight. It is also perfect for mooring covers and transport covers.

Put-up is approx. 50 yards per roll or 450 yards per carton.



Style:	Color	Width
R6010GRY	Cadet Gray	60"



PATTERN PAPER

WIDTH	WEIGHT	STYLE
36"	50/60 Lb. rolls	PP36
48"	50/60 Lb. rolls	PP48
60"	50/60 Lb. rolls	PP60

*Mostly used for boat patterns



BOAT PATTERN POLYETHYLENE FILM

TO SIZE AND DESIGN

STYLE: PS10X100- 10' WIDE .004 THICK

Our .004 gauge Polyethylene film is strong and clear. Its pliability makes it the best type of product available in todays markey for making boat patterns.



Portable Garage



Equipment Covers



Painting Drop Cloths



Boat Covers

Pantex

By Manart-Hirsch

72" WIDE POLYETHYLENE PATTERN PLASTIC- DOUBLE COATED

Made from polyethelene, our pattern plastic is 72" wide and coated on both sides. This helps it keep its shape when patterning and prevents markers from bleeding through the plastic. Put-up in easy to handle 100 yd roll.

Style: **PANTEX**



FURNITURE FABRIC LINE 54" WIDTH

Textures, prints, stripes and solids, in all there are 143 different colors or patterns available this season on the Glen Raven Sunbrella acrylic furniture fabric line. All fabrics are solution dyed acrylic. Patterns that are printed are pigment printed. Width runs 54/56" with a weight of approximately 8 oz. per square yard. For limited warranty and cleaning instructions, please refer to Sunbrella furniture swatch books as cleaning and warranty differ between prints and other patterns. Color cards are available on request.



LINENS

TEXTURES & SPUNS

SOLIDS

STRIPES, PLAIDS & CHECKS

PRINTS

- | | | | |
|-------------------------|-----------------------------------|-------------------------------|---------------------------|
| 5401- Pacific Blue | 5452- Sapphire Blue | 5698- Dorsett Autumn | 8019- Dupione Deep Sea |
| 5403- Jockey Red | 5453- Canvas | 56000- Dolce Mango | 8020- Dimone Rainforest |
| 5404- Natural | 5456- Teal | 56001- Dolce Oasis | 8021- Dimone Flame |
| 5405- Parrot | 5457- Sunflower Yellow | 56005- Weston Ginger | 8024- Dipione Peridot |
| 5406- Tangerine | 5461- Taupe | 56018- Derby Chili | 8028- Dash Crimson |
| 5407- Henna | 5468- Camel | 56023- Harwood Onyx | 8029- Dash Redwood |
| 5408- Black | 5470- Walnut | 56024- Harwood Cocoa | 8032- Dash Walnut |
| 5409- Brick | 5471- Raven Black | 56025- Harwood Peridot | 8036- Wyndham Mocha |
| 5410- Air blue | 5472- Birds Eye | 56031- Manchester Sienna | 8037- Wyndham Dune |
| 5413- Spa | 5473- Stone Green | 56038- Scavo Autumn | 8038- Wyndham Wheat |
| 5414- Wheat | 5476- Heather Beige | 56040- Scavo Willow | 8039- Wyndham Nutmeg |
| 5415- Melon | 5477- Logo Read | 56041- Resonance Mist | 8040- Wyndham Honeydew |
| 5416- Aruba | 5484- Canvas Brass | 56042- Resonance Mahogany | 8050- Dupione Paradise |
| 5417- Tuscan | 5487- Canvas Fern | 56045- Melbourne Parrot | 8051- Dupione Crimson |
| 5419- Celadon | 5488- Canvas Teak | 56046- Melbourne Fiesta | 8052- Dupione Palm |
| 5420- Mineral Blue | 5489- Coal | 56047- Melbourne Russet | 8053- Dupione Papaya |
| 5421- Palm | 5497- Spring | 56048- Melbourne Dijon | 8056- Dupione Henna |
| 5422- Antique Beige | 5498- Vellum | 56049- Foster Surfside | 8057- Dupione Oak |
| 5424- Sky Blue | 5499- True Blue | 56050- Foster Classic | 8058- Dupione Seafoam |
| 5425- Cocoa | 54010- Canvas Rust | 56051- Foster Metallic | 8060- Dupione Stone |
| 5426- Canvas Capri | 54011- Canvas Ginko | 56052- Gavin Mist | 8061- Chelsea Willow |
| 5427- Canvas Coral | 5601- Bravada Salsa | 7253-0- Bessemer 1001vl | 8063- Chelsea Steel |
| 5428- Canvas Glacier | 5602- Bravada Limelight | 7704- Natural Rib | 8300- Linen- Champagne |
| 5429- Canvas Macaw | 5603- Harwood Crimson | 7722- Antique Beige Rib | 8301- Linen- Basil |
| 5432- Canvas Bay Brown | 5604- Castanet Beach | 7724- Sky Blue Rib | 8304- Natural Linen |
| 5435- Canvas Cornsilk | 5606- Davidson Redwood | 7761- Taupe/Antique Beige Rib | 8306- Linen- Chili |
| 5436- Burgundy | 5607- Davidson Walnut | 7765- Antique Brass Rib | 8314- Linen- Straw |
| 5438- Buttercup | 5608- Seville Seaside | 8005- Hemp | 8317- Linen- Pampas |
| 5439- Navy | 5610- Elliot Wren | 8010- Dupione Pearl | 8318- Linen Sesame |
| 5440- Canvas Terracotta | 5612- Brannon Redwood | 8011- Dupione Sand | 8319- Linen Stone |
| 5443- Canvas Basil | 5621- Brannon Whisper | 8012- Dupione Cornsilk | 8322- Linen Antique Beige |
| 5445- Canvas Nutmeg | 5626- Maxim Cocoa | 8013- Dupione Bamboo | 8351- Linen- Silver |
| 5446- Forest Green | 5630- Forest/Natural 1" Stripe | 8014- Dupione Maize | 8353- Linen- Canvas |
| 5447- Canvas Turf | 5644- Caroline Seabreeze | 8015- Dupione Laurel | 8374- Linen- Taupe |
| 5448- Canvas Cork | 5674- Heather Beige/Canvas Stripe | 8016- Dupione Galaxy | 8521- Berenson Tuxedo |
| 5451- Canvas Paprika | 5695- Regency Sand | 8017- Dupione Walnut | |



SEAQUEST CUSHION VINYL

54" WIDTH

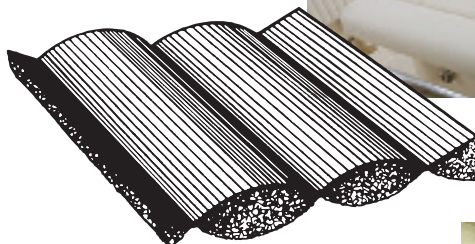
Our Seaquest expanded cushion vinyl comes in 29 popular colors, all available from stock. Elegance and rugged strength combined with stringent specifications to produce the ultimate in marine vinyl fabrics. All colors are available in matching hidem, welting and roll and pleat material.

Width - 54"
Cold crack - 10° f
UV resistant (1000 hours)
Mildew treated face and back
Clean with mild soap and water
California fire code technical bulletin 117, section e
motor vehicle safety standard 302

SEAQUEST



- | | |
|--------------------------|------------------------------|
| SEA1 LOTION | SEA16 SMOKE |
| SEA2 TOO WHITE | SEA17 RUBY |
| SEA3 WHITE ICE | SEA18 LEMON PEEL |
| SEA4 SEA WHITE | SEA19 LIGHTHOUSE RED |
| SEA5 OYSTER | SEA20 PELICAN |
| SEA6 CHALK | SEA21 MIST |
| SEA7 MIDNIGHT | SEA22 TEAL |
| SEA8 MARBLE | SEA23 HAVASU |
| SEA9 PEARL OYSTER | SEA24 NAVEL |
| SEA10 BUFF | SEA25 AMERICAN BEAUTY |
| SEA11 EBONY | SEA26 EMERALD |
| SEA12 DUNE | SEA27 COVE |
| SEA13 ANCHOR | SEA28 FOREST |
| SEA14 HAMPTON | SEA29 NAVY |
| SEA15 ROYAL | |



1-1/2" Roll & Pleat Seaquest

SEAQUEST FOAM BACK

Manart-Hirsch also stocks our seaquest line with a 1/4" foam backing. Perfect for headliners in cars and boats or for more plush look on cushions. Stocked in chalk and sea white but all colors are available.

Style: **SEA614FB (CHALK)**
SEA414FB (SEA WHITE)



PVC FOAM BOARD For Replacement of Plywood

Manart-Hirsch PVC Foam Board is the perfect replacement for plywood seating. Foam board can be heated and bent for curves and can be stapled just as you would plywood. Our foam board is available in 4' x 8' sheets. Sheets can be cut to order to fit your specific size and application. Color: White.

- | | | | | |
|-----------------------|-------------|-------------------|---------------|------------------|
| Style: PVCFB14 | 1/4" | Foam Board | (6mm) | (4' x 8') |
| PVCFB38 | 3/8" | Foam Board | (10mm) | (4' x 8') |
| PVCFB12 | 1/2" | Foam Board | (13mm) | (4' x 8') |
| PVCFB34 | 3/4" | Foam Board | (19mm) | (4' x 8') |



Cut to Size Available



MANART AWNING AND UPHOLSTERY FABRICS

54" Vinyl Coated Polyester Mesh

PHIFERTEX®

Vinyl Mesh for Cushions, Awning, etc.

PHIFERTEX is a quality woven vinyl coated polyester mesh fabric for use in the manufacturing of cushions for casual outdoor furniture, awnings, umbrellas and a host of other outdoor items. It is the standard fabric used by most PVC pipe furniture manufacturers.

Its qualities include:

1. Excellent abrasion resistance
2. Excellent dirt, stain and chemical resistance
3. Excellent resistance to sunlight and weather
4. Excellent moisture resistance
5. High degree of flame retardance
6. Attractive and permanent colors
7. Easily cleaned with a damp cloth
8. Little or no shrinkage

Available in the following colors:

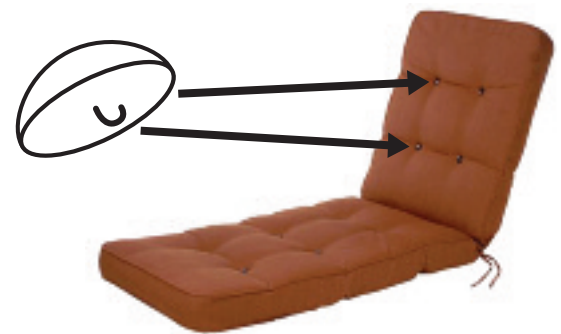
Style	Color	Style	Color
VM5401	Med Blue	VM5428	Navy
VM5402	White	VM5429	Black
VM5403	Yellow	VM5430	Forest Green
VM5405	Almond	VM5444	Gray Sand
VM5420	Gray	VM5445	Red



NYLON BUTTONS

Manart nylon hook back buttons are 100% rust-proof. They are used in conjunction with textiline mesh to give your cushions a finished look.

Style: PBW-WHITE PBBR-BROWN PBB-BEIGE



CELEX FLOTATION FOAM

Manart celex floatation vinyl foam is manufactured especially for marine applications. Celex is soft yet will not bottom out when sat upon. Available in 2" and 2-1/2" thickness from stock. Other thicknesses are available on special order. Sheet size is approx. 50" x 66".

Style: 2" - SF2 2-1/2" - SF25





FASTONE® ARMY DUCKS **VAT DYED ARMY DUCK** *Mercerized-Deep Dyed Weather lasting*

Pure Vat Dyed Heavy Duty Fastone

Water repellent and mildew resistant 60" decorator width.

This vat dyed army duck in both widths is made of 8.98 oz. 100% Cotton canvas, which is pro-rata 10.10 oz. to the square Yard. It is treated with the finest mildew inhibitors and water repellency available. Use for: Outdoor furniture, upholstery, boat cushions, draperies, displays, etc.

S/6000 60" WIDTH

AD6001 Tangerine	AD6017 Black
AD6002 Cal. Blue	AD6018 Linen
AD6005 Lemon	AD6025 Natural (Beige)
AD6007 Bottle Green	AD6030 Gray
AD6012 E. Brown	AD6031 Burgundy
AD6014 Nap. Red	AD6055 Spruce
AD6016 Bl. White	AD6095 Navy Blue



Put-Up: 40/60 yards per piece - rolled tubes
Special colors dyed to order.

BEACHCOMBER, BRONTE AND BONDI

Our new line of marine cushion vinyls, part of the Team Performance line, has the same characteristics as our Sequest marine cushion line. Made from the same quality vinyls, this 54" wide, 32 oz. per lineal yard fabric has a cold crack of -20 degrees, 1000 hours UVR, mildew resistance, meets many flame resistance codes and has a "Resilience" finish for easy cleanability.

Great for boat cushions, outdoor furniture and the hospitality industry.
Available in the following colors:

marine



Beachcomber:	BC14 Warm White	BC03 Brite White	BC10 Shell	BC08 Sandstone
	BC06 Frost Gray	BC12 Surfboard Yellow	BC13 Tangerine	BC07 Indian Summer
	BC11 Sunset	BC02 Blue Lagoon	BC05 Cosmos	BC01 Adriatic
	BC09 Seagrass	BC04 Carbon Black		
Bronte:	BR04 Ochre	BR02 White	BR03 Chestnut	BR01 Black
Bondi:	B006 Butterscotch	B005 White Heron	B003 Snow White	B004 Stone
	B008 Saddle	B007 Espresso	B002 Slate Black	

Put-up: 30 yards per Roll



DUPONT® CORDURA NYLON-1000 DENIER

60" HEAVYWEIGHT WITH HEAVY URETHANE BACK COAT
HIGHER THREAD COUNT FOR SUPER ENDURANCE



Solid Colors

Style	Color	Style	Color
C060BLK	Pitch Black	C060T	Teal
C060R	Red	C060W2	Camouflage
C060BU	Burgundy	C060SP	Spruce
C060OR	Orange	C060RB	Royal Blue
C060SM	Smoke	C060CH	Chestnut
C060N	Navy		



PUT-UP: 50 Yards per roll

AS LONG AS THE WORLD
IS FULL OF
DURABLE PEOPLE,
WE'LL KEEP MAKING
DURABLE FABRICS.



NYLON PACK CLOTH

60" 420 D NYLON PACK CLOTH URETHANE COATED

Manart's 420 denier nylon pack cloth is heat set for fabric stability and dye fastness. The urethane coating gives superior water repellency while maintaining lightweight construction. Not affected by rot or mildew.

Put-Up: 70 yards per roll.

Colors Available

Style	Color	Style	Color
60NPCY	Yellow	60NPCTU	Turquoise
60NPCKG	Kelly Green	60NPCFG	Forest Green
60NPCOR	Orange	60NPCNB	Navy Blue
60NPCSI	Silver	60NPCWH	White
60NPCEB	Elec. Blue	60NPCBR	Brown
60NPCBU	Burgundy	60NPCCR	Red
60NPCBL	Black	60NPCCH	Charcoal
60NPCTA	Tan	60NPCC	Camouflage





100% COTTON NUMBER DUCK

Tested and Proven!

Conforming to specification CC-C-419 Type 1

WIDTH	No. 4	No. 6	No. 8	No. 10	No. 12
	24 oz sq yd	21 oz sq yd	18 oz sq yd	14.73 oz sq yd	11.45 oz sq yd
36"	\$1.86	\$1.64	\$1.41	\$1.20	\$.97
42"	2.17	1.91	1.64	1.40	1.14
48"	2.48	2.20	1.98	1.61	1.31
60"	3.15	2.77	2.38	2.02	1.65
72"	3.80	3.35	2.89	2.45	1.99
84"	4.48	3.94	3.40	2.88	2.35
96"	5.24	4.61	3.99	3.39	2.79
120"	6.82	6.07	5.32	4.50	3.77

WEIGHTS PER SQUARE YD.:

#4 = 24.54, #6 = 21.27, #8 = 18, #10 = 14.73, #12 = 11.45

*Above prices are LIST PRICES. Please call for current NET PRICES.



NATURAL ARMY DUCK

A plain weave, firmly woven fabric of long staple clean cotton with a high count (54 x 42), plied warp and filling yarn construction (two or more strands twisted together).

Style	Width	Ounces Per Lin.	Yard Sq. Yard
AD5425	54"	14.31 oz.	10.10 oz.
AD3207	32"	8.98 oz.	10.10 oz.
AD3707	37"	10.38 oz.	10.10 oz.
AD3713	37"	12.98 oz.	13.00 oz.
AD6025	60"	15.90 oz.	10.10 oz.

NATURAL SINGLE FILLED OUNCE DUCK

All weights available in natural (greige) white, brown or O.D. waterproof

Style	Width	Weight Sq. Yd.
SF368	36"	8 oz
SF3610	36"	10 oz.
SFD3613	36"	12 oz.
SF3614	36"	14.90 oz.



BLEACHED WHITE DUCK

35/36" 8 oz. double filled for shower curtains, aisle runners, hospital bed curtains, etc.

35/36" 8 oz. double filled, bleached white Style DF358B

35/36" 8 oz. double filled, bleached white pre-shrunk Style DF358BP



WINTER STORAGE BOAT COVER DUCK

White DURAFIN - Water Resistant

This dry finish has mildew inhibitors and will not rub off easily as other waterproofs do.

Style	Width	Weight Sq. Yd.
1667	60"	10 oz.
1333	48"	10 oz.

Color Gray available on special order.



WEATHER-TEX

POLYETHYLENE TARPS FOR BOAT COVERS AND INDUSTRIAL USES

Woven hi-density polyethylene coated with polyethylene. The strongest, flexible, waterproof material made anywhere. Compare strength vs. weight and cost.

Size (Feet)	Size (Feet)	Size (Feet)
5 x 7	12 x 25	20 x 40
6 x 8	15 x 20	25 x 40
8 x 10	15 x 25	25 x 45
10 x 12	15 x 30	30 x 40
10 x 15	16 x 20	30 x 50
10 x 20	20 x 20	30 x 60
12 x 16	20 X 25	40 x 40
12 x 20	20 X 30	40 x 50
12 x 22	20 x 35	40 x 60
		50 x 100*

All sizes in stock for immediate delivery. Our poly tarps are treated with U.V.R. inhibitors for longer lasting use.

All tarps can be shipped by United Parcel except for 50 x 100* Poly tarps are individually packed in heavyweight polybags



WINTER COVER TARPS

VINYL COATED POLYESTER

18 oz. sq. yd. vinyl coated nylon (assorted colors)

CANVAS

Rantye II 10 oz. sq. yd. Poly/Cotton Blend - Gray or P.G.

WHITE DURAFIN (Canvas)

**16 oz. sq. yd. (before treatment 10 oz.)

**All sizes in poly tarps are available in white waterproof durafin.

Customers Please Note: Manart stocks most tarps listed for immediate delivery in blue poly and black mesh. Vinyl coated nylon & Canvas require 7 to 10 days for delivery.

CUSTOM TRUCK AND NETTING TARPULINS





PVC 18 - 61" - 180Z. VINYL COATED POLYESTER

Manart's new PVC18 vinyl coated polyester industrial fabric is strong and stable. The polyester base scrim ensures a fabric that will not shrink except for the normal shrinkage of vinyl when temperatures vary from hot to cold. This imported product is extremely economical in cost when compared to domestic products of the same composition. Perfect for truck covers, outside storage covers, tarpaulins and most products where a strong stable fabric is needed.

Available in following 8 colors

- PVC18R- RED** **PVC18BL- BLUE**
- PVC18G- GRAY** **PVC18W- WHITE**
- PVC18Y- YELLOW** **PVC18GR- GREEN**
- PVC18O- ORANGE** **PVC18BLK- BLACK**
- PVC18BR- BROWN**



AVERAGE PHYSICAL PROPERTIES OF MANART PVC18

Total Weight (Method 5041)	18 oz. per square yard
Tongue Tear (WXF) (Method 5134)	90 x 80 lbs.
Grab Tensile (WSV) (Method 5100)	450 x 400 lbs.
Adhesion (Method 5970)	12.0 lbs. per inch
Hydrostatic Resist (Method 5512)	600 PSI
Cold Crack (Mil-C-20696C-Para 4.4.6)	-55°F

78" TONNEAU COVER FABRIC

Our 78" vinyl coated polyester tonneau cover fabric has a brand new backing. The new backing is heavy duty 100% polyester fabric. This change of backing enables our tonneau fabric to be extremely stable in all weather conditions. Elk grain, put-up: 50 yards per roll.

Available in following 5 colors

- 78TCBHD- BLACK** **78TCBRHD- BROWN** **78TCBUHD- BUCKSKIN** **78TCMHD- MAROON** **78TCNBHD- NAVY BLUE**

96" POLYPROPYLENE TRUCK COVER MESH

Our 96" wide truck cover mesh is both lightweight and extremely durable. The width is perfect for most refuse and asphalt trucks without having to make any seams in the cover. Just cut the fabric to length, hem and grommet. Also perfect for windscreens, privacy curtains, etc.
Color: Black Put-up: 100 yds. per roll.




Herculite® 90

Heavy Duty, Shrink Resistant, Laminated Fabrics

TYPICAL APPLICATIONS

- Awnings • Cab Enclosures • Cargo Covers
- Concrete Curing Blankets • Divider Curtains
- Gym Floor Covers • Gym Mats • Pool Covers
- Heavy Duty Boat Tops • Heavy Duty Upholstery
- Sandblast Screens • Stadium Ground Covers
- Portable Shelters • Tank Liners • Tarpaulins
- Tension Structures • Tonneau Covers

- 60" WIDTH
- FIRE RESISTANT
- TEAR RESISTANT
- IMPERMEABLE
- MILDEW/ROT RESISTANT
- ABRASION RESISTANT
- ULTRAVIOLET RESISTANT
- EASY-TO-CLEAN



Style#	Color
H90GRY	GRAY
H90W	WHITE
H90BL	BLUE
H90Y	YELLOW
H90G	GREEN
H90BLK	BLACK
H90R	RED

TYPICAL PERFORMANCE PROPERTIES (AVERAGE)

Fabric Weight	18 oz./sq. yd.	
Roll Length (for UPS Shipment)	25 yds.	
Roll Width	60 in.	
Roll Weight	48 lbs.	
Adhesion (peel)	35 lbs.	
Flame Resistance		
Flame Time	0.6 sec	
Char Length	3.8 in.	
Warp Fill		
Breaking Strength	245 lbs.	220 lbs.
Tear Resistance	120 lbs.	115 lbs.
Hydrostatic Resistance	370 PSI	



These typical performance properties are offered for your general guidance and have been obtained by modern test methods. This information is true and accurate to the best of our knowledge at time of printing. However, it should not be construed as specifications and is subject to revision as added knowledge and experience on this product are gained.



Herculite® 80

Heavy Duty, Shrink Resistant, Laminated Fabrics

Herculite laminated fabrics are produced in a comprehensive range of styles, weights, colors, finishes and physical properties. They are available in standard stock as well as custom formulated or custom finished varieties that can be developed and manufactured to specification.

TYPICAL APPLICATIONS

- All Weather Covers • Cargo Covers
- Divider Curtains • Gym Floor Covers
- Gym Mats • Hatch Tents • Lifeboat Covers
- Heavy Duty Upholstery • Portable Shelters
- Tank Liners • Tarpaulins • Sandblast Screens
- Shipping Room Curtains

For compliance to Mil-C-43006
Type 1 Class 1,
specify when ordering.

TYPICAL PERFORMANCE PROPERTIES (AVERAGE)

Fabric Weight	18 oz./sq. yd.	
Roll Length (for UPS Shipment)	50 yds.	
Roll Width	60 in.	
Roll Weight	96 lbs.	
Adhesion (free peel)	14 lbs.	
Flame Resistance		
Flame Length	1.2 sec	
Char Length	2.8 in.	
Breaking Strength	Warp 329 lbs.	Fill 280 lbs.
Tear Resistance	104 lbs.	96 lbs.
Hydrostatic Resistance	515 PSI	

Style#	Color
H80BL	ROYAL BLUE
H80BLK	BLACK
H80Y	YELLOW
H80GR	GREEN
H80NB	NAVY BLUE
H80W	WHITE
H80GRY	GRAY
H80OD	OLIVE DRAB
H80R	RED

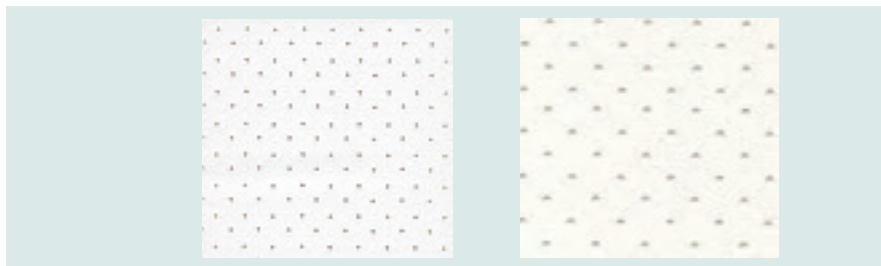


PERFORATED HEADLINING

Our 54" perforated vinyl palomar headlining is perfect for auto or marine use. Available in both white or off-white.

Put-up: 50 yds. per roll.

Style: HL54W WHITE
 HL54OW OFF-WHITE





SoftouchTM Car Cover Fabric

Softouch is the perfect fabric for those looking for protection while also worried about damaging the painted, gel-coated, or any other delicate surface on the underside. Softouch has a soft non-woven polyester backing laminated to Odyssey III marine fabric giving the fabric a gentle back and a strong highly water repellent top.

Width: 60"
Put-up: 50 yards per roll

Colors:

ST988- Forest Green

ST998- Harbor Blue

ST908- Taupe

ST949- Black

ST980- Royal Blue

ST996- Burgundy

ST989- Silver Gray

ST987- White

ST994- Caribbean Blue

ST999- Birch

ST992- Charcoal

Please note not all colors are always in stock

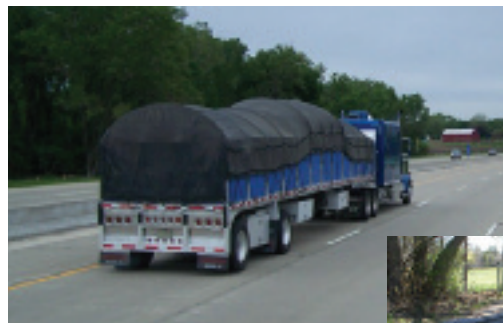


TRUCK COVER MESH

Our vinyl coated polyester truck cover mesh is available in a 72" width. This 10 oz. per square yard, 11 x 11 count woven mesh is perfect for markets other than just truck tarps, like fencing, agricultural, recreational/athletic and building.

Put-up: 100 yards per roll
Color: **Black** Style: **VCM72BLK**

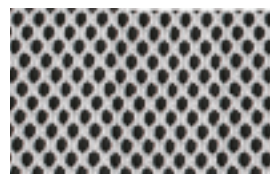
*Please note: Additional widths and colors available on special order



TRUCK COVER MESH

100% Polyester Heavy Duty 110" Wide 60 Yard Rolls

S/LM110



NATURAL SINGLE FILLED DUCK 36" Width

This versatile 36" 10 oz. per square yard 100% cotton fabric is ideal for applications such as filler cloths, drop cloths, dust covers and anywhere an inexpensive, durable fabric is needed.

Style: **SF3610**

Put-up: Flat fold 100 yd. pieces or 1000 yd bales.



MANART ARTIST CANVAS FABRIC

Enameling Duck

Style: **ART115** 72" (1.15) 13.91 oz. Natural
Put-up: 100 yds. per roll





AQUA-VIEW® CLEAR VINYL CLEANER AND POLISH 210

- Anti-Static and Anti-Fog
- Will remove marks from crayons, magic markers and paint over-sprays
- Removes residue glue from protective backings and masking tapes
- Evaporating properties in the formula - cleaning is quick and easy without leaving any streaks or swirl marks
- Resists fingerprints
- Seals pores in plastic and leaves a protective coating (further cleaning is much easier and surface is protected)
- Pleasant clean aroma (does not contain ammonia)
- Give plastic a clear, lustrous look

AQUA-VIEW® PLASTIC SCRATCH REMOVER 210® PLUS

- Extremely mild abrasive compound, with anti-static and anti-fog properties in formula
- Ideal for the removal of surface scratches and blemishes or heavy cleaning of all plastic materials.
- Water soluble, excess can be wiped off with a wet sponge or cloth
- Easy to use with superb results



210® and 210® PLUS approved and recommended by manufacturer and fabricators of plastic/acrylic throughout the United States, Canada and Europe.



MANART-HIRSCH ACRYBIND®



Manart-Hirsch Co., Inc. makes every color in
"Acrybind" to match sunbrella fabrics

Put-Up: 200 yd rolls

3/4" 2 ET ACRYLIC BINDING FOR MARINE USE

MANART ACRYBIND IS FADE RESISTANT, WATER REPELLENT AND MILDEW RESISTANT.

IT WILL NOT CRACK OR SHRINK AND THE COLORS ARE A PERFECT MATCH TO ALL SUNBRELLA

SEAMLESS ACRYBIND 3/4" ACRYLIC BINDING

AcryBind

By Manart-Hirsch



Style No.	Color	Style No.	Color	Style No.	Color	Style No.	Color
754000	Erin Green	754023	Aquamarine	754051	Silver	754079	Ocean Blue
754001	Pacific Blue	754024	Sky Blue	754052	Med. Blue	754083	Parchment
754002	Yellow*	754026	Navy Blue	754053	Med. Tweed	754084	Slate
754003	Jockey Red*	754027	Salmon	754054	Linen Tweed	754085	Ginko
754004	Natural (White)	754028	Toast	754055	Alpine	754086	Nutmeg
754005	Hemlock Tweed	754030	Cadet Gray	754056	Spruce	754088	Basil
754006	Dubonnet Tweed	754031	Burgundy*	754058	Tresco Brass	754089	Rust
754007	Charcoal Tweed	754033	Linen	754065	Concord*	754095	Tresco Linen
754008	Black	754035	Buttercup	754066	Logo Red*	754096	Tresco Birch
754009	Orange*	754037	Forest Green	754067	Mahogany*	754097	Tresco Ginger*
754010	Turquoise	754040	Black Cherry	754068	Aspen	754098	Tresco Clay*
754011	Sea Spray	754041	Sapphire Blue	754071	Fern	754099	Tresco Brick*
754014	Tan	754042	Oyster	754072	Heather Beige	752340	Sapphire Bl. Tweed
754016	Mocha	754043	Persian Green	754073	Spa	752370	Hunter Tweed
754017	Royal Blue	754044	Charcoal	754074	Wheat	752389	Toast Tweed
754018	Walnut	754045	Seagrass Green	754075	Capri	754012	Aruba
754020	Beige	754046	Captain Navy	754076	Cocoa	754015	Smoke
754021	True Brown	754048	Taupe	754077	Tuscan*	754019	Pumpkin
754022	Terra Cotta	754050	Teal Tweed	754078	Marine Blue	754025	Gold

Acrybind® is a registered trademark of Manart-Hirsch, Inc. and is available only through Manart-Hirsch

ALL ABOVE BINDINGS ARE ALSO AVAILABLE IN 1" 2 ET AND 1 1/4" 1 ET.



MANART-HIRSCH ACRYBIND®



Manart-Hirsch Co., Inc. makes every color in "Acrybind" to match sunbrella fabrics

Put-Up: 100 yd rolls

1" 2 ET ACRYLIC BINDING FOR MARINE USE

MANART ACRYBIND IS FADE RESISTANT, WATER REPELLENT AND MILDEW RESISTANT.

IT WILL NOT CRACK OR SHRINK AND THE COLORS ARE A PERFECT MATCH TO ALL SUNBRELLA

SEAMLESS ACRYBIND 1" ACRYLIC BINDING



Style No. Color

- 14000 Erin Green
- 14001 Pacific Blue
- 14002 Yellow*
- 14003 Jockey Red*
- 14004 Natural (White)
- 14005 Hemlock Tweed
- 14006 Dubonnet Tweed
- 14007 Charcoal Tweed
- 14008 Black
- 14009 Orange*
- 14010 Turquoise
- 14011 Sea Spray
- 14014 Tan
- 14016 Mocha
- 14017 Royal Blue
- 14018 Walnut
- 14020 Beige
- 14021 True Brown
- 14022 Terra Cotta

Style No. Color

- 14023 Aquamarine
- 14024 Sky Blue
- 14026 Navy Blue
- 14027 Salmon
- 14028 Toast
- 14030 Cadet Gray
- 14031 Burgundy*
- 14033 Linen
- 14035 Buttercup
- 14037 Forest Green
- 14040 Black Cherry
- 14041 Sapphire Blue
- 14042 Oyster
- 14043 Persian Green
- 14044 Charcoal
- 14045 Seagrass Green
- 14046 Captain Navy
- 14048 Taupe
- 14050 Teal Tweed

Style No. Color

- 14051 Silver
- 14052 Med. Blue
- 14053 Med. Tweed
- 14054 Linen Tweed
- 14055 Alpine
- 14056 Spruce
- 14058 Tresco Brass
- 14065 Concord*
- 14066 Logo Red*
- 14067 Mahogany*
- 14068 Aspen
- 14071 Fern
- 14072 Heather Beige
- 14073 Spa
- 14074 Wheat
- 14075 Capri
- 14076 Cocoa
- 14077 Tuscan*
- 14078 Marine Blue

Style No. Color

- 14079 Ocean Blue
- 14083 Parchment
- 14084 Slate
- 14085 Ginko
- 14086 Nutmeg
- 14088 Basil
- 14089 Rust
- 14095 Tresco Linen
- 14096 Tresco Birch
- 14097 Tresco Ginger*
- 14098 Tresco Clay*
- 14099 Tresco Brick*
- 12340 Sapphire Bl. Tweed
- 12370 Hunter Tweed
- 12389 Toast Tweed
- 14012 Aruba
- 14015 Smoke
- 14019 Pumpkin
- 14025 Gold

Acrybind® is a registered trademark of Manart-Hirsch., Inc. and is available only through Manart-Hirsch

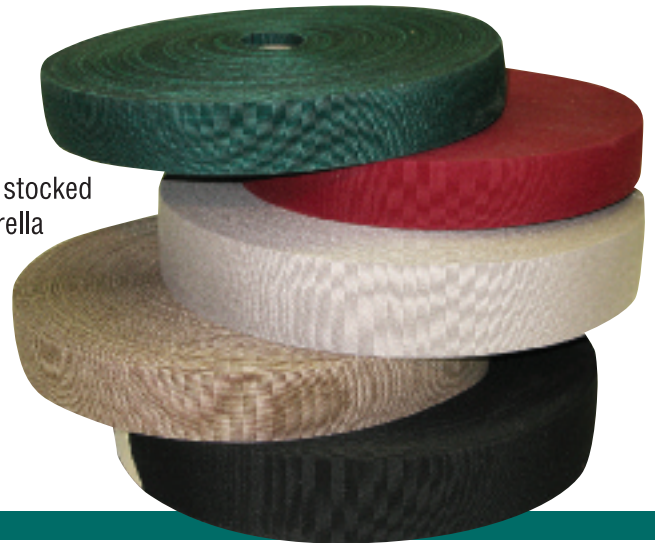
ALL ABOVE BINDINGS ARE ALSO AVAILABLE IN 1 1/4" 1 ET.



SUNBRELLA FACING

Sunbrella facings are available in 1-1/2" and 2" widths. They are pre-folded and bonded to provide a finished edge. Our facing is perfect for trimming around windows on bimini enclosures hiding the zippers and providing a clean water resistant finish. Sunbrella facings are stocked in most of the popular colors but are available in your choice of any sunbrella color by special order.

Put-up: 60 yards per roll



STAMOID MARINE FACING

Stamoid marine facings are available in the same 1-1/2" and 2" widths that sunbrella facings are available in. Available from stock in the following colors: white, snow white, cream, ivory and black.

Put-up: 50 Yards per roll



STAMOID MARINE BINDING

Stamoid double folded vinyl binding is available in both 3/4" 2ET and 1" 2ET. This binding is cut on the bias and is heat sealed so that the seams do not separate. This easy to clean UV protected binding matches all standard stamoid colors.

Put-up: 100 yd rolls

3/4" Style	Color	1" Style	Color
754128W	White	14128W	White
754128SW	Snow White	14128SW	Snow White
754128C	Cream	14128C	Cream
754128I	Ivory	14128I	Ivory
754128SAND	Sand	14128SAND	Sand
754128PG	Pearl Gray	14128PG	Pearl Gray
754128EVGR	Evergreen	14128EVGR	Evergreen
754128ROY	Royal Blue	14128ROY	Royal Blue
754128NAVY	Navy Blue	14128NAVY	Navy Blue
754128B	Black	14128B	Black



WEBBING AND TAPE

POLYPROPYLENE WEBBING
POLYESTER WEBBING
NYLON WEBBING

POLYPROPYLENE WEBBING

Style	Width	Color
PPW1	1"	Medium White
PPW1H	1"	Heavy White
PPW1BR	1"	Medium Brown
PPW1BL	1"	Medium Blue
PPW1BU	1"	Medium Burgundy
PPW1T	1"	Medium Tan
PPW1B	1"	Medium Black
PPW1N	1"	Medium Navy
PPW15	1 1/2"	Medium White
PPW15B	1 1/2"	Medium Black
PPW2	2"	Medium White
PPW2B	2"	Medium Black
PPW2BL	2"	Medium Blue
PPW2BR	2"	Medium Brown
PPW2N	2"	Medium Navy
PPW2BU	2"	Medium Burgundy
PPW2T	2"	Medium Tan
PPW2GR	2"	Grey

DACRON WEBBING

Style	Width	Color
DWM1	1"	Medium White
DWM2	2"	Medium White

COTTON WEBBING

NATURAL - UNTREATED

Style	Width	Color
CW341A	3/4"	1
CW11A	1"	1
CW21A	2"	1
CW12A	1"	11A
CW22A	2"	11A
CW13A	1"	111
CW23A	2"	1

NYLON WEBBING

Style	Width	Color
NWL1	1"	Light White
NWM1	1"	Medium White
NWH1	1"	Heavy White
NWMIB	1"	Medium Black
NWHIB	1"	Heavy Black
NWM2	2"	Medium White
NWH2	2"	Heavy White
NWM2B	2"	Medium Black
NWH2B	2"	Heavy Black

All webbing comes in 100 yd. rolls with the exception of heavy nylon which are 50 yd. rolls.

DACRON TAPE

Style	Width	Color
WDT651	1"	Firm White
WDT652	2"	Firm White
WDT653	3"	Firm White
WDT654	4"	Firm White

Dacron "Tape" comes in 75/100 yd. rolls



CENTER-FOLD MARINE BINDING

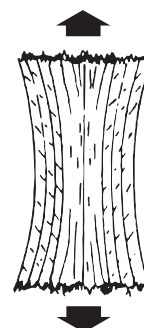
Manart's 7/8" wide acrylic binding is made from Sunbrella yarns. This tape has a natural fold in the center so it will not "neck down" under tension as braids do. Can be used with or without binder attachment.

Style	Color	Style	Color
786601	Pacific Blue	786630	Cadet Gray
786603	Red	786631	Burgundy
786604	White	786633	Linen
786608	Jet Black	786637	Forest Green
786620	Beige	786641	Sapphire Blue
786621	True Brown	786642	Oyster
786624	Sky Blue	786643	Persian Green
786626	Navy	786646	Capt. Navy
786628	Toast	786665	Concord

Available in 18 SUNBRELLA colors.



CENTER FOLD TAPE



BRAID



WOVEN NYLON HOOK AND LOOP FASTENING TAPES



Velcro is a woven tape fastener consisting of two mating strips. The hook or male section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure. To open simply peel apart. Can be sewn, cemented, heat sealed, stapled or nailed.

Colors: White, Black.

Put-up: Hook and loop are packaged on separate 50 yard rolls. Each part may be sold separately in full rolls.

STYLE	COLOR	DESCRIPTION
VLW1	WHITE	1" NYLON LOOP
VHW1	WHITE	1" NYLON HOOK
VLB1	BLACK	1" NYLON LOOP
VHB1	BLACK	1" NYLON HOOK
VLW2	WHITE	2" NYLON LOOP
VHW2	WHITE	2" NYLON HOOK
VLB2	BLACK	2" NYLON LOOP
VHB2	BLACK	2" NYLON HOOK
VHSRB1	BEIGE	1" NYLON HOOK
VLSRB1	BEIGE	1" NYLON LOOP

BACK TO BACK HOOK & LOOP

Our woven back to back hook and loop fastener is made of heavy duty nylon. One side is a soft loop and the other is a hook. Our back to back can be wrapped around frame tubing leaving just the soft side to touch the windows to prevent hot tubing from burning windows. Great for roll up straps on enclosures also. Great for a multitude of uses. Available in both 1" and 2" widths.

Color: Black

Put-up: 25 yards per roll
 1" Width Style: **CHLB1**
 2" Width Style: **CHLB2**

VELCRO VELSTICKS



White (Polyester)

Style Description

VSHW1	1" WHITE VELSTICK HOOK
VSLW1	1" WHITE VELSTICK LOOP

BLACK (NYLON)

Style Description

VSHB1	1" BLACK VELSTICK HOOK
VSLB1	1" BLACK VELSTICK LOOP

VELSTICK IS SOLD IN 4 FT. STICKS ONLY

WOVEN NYLON HOOK & LOOP FASTENING SYSTEMS



Little Parts. Big Difference.



CHW1	1" WHITE HOOK	(50 YD. ROLLS) NYLON	CHW1PS	1" WHITE HOOK	PRESSURE SENSITIVE
CLW1	1" WHITE LOOP	(50 YD. ROLLS) NYLON	CLW1PS	1" WHITE LOOP	PRESSURE SENSITIVE
CHB1	1" BLACK HOOK	(50 YD. ROLLS) NYLON	CHB1PS	1" BLACK HOOK	PRESSURE SENSITIVE
CLB1	1" BLACK LOOP	(50 YD. ROLLS) NYLON	CLB1PS	1" BLACK LOOP	PRESSURE SENSITIVE
CLW2	2" WHITE LOOP	(50 YD. ROLLS) NYLON	CLW2PS	2" WHITE LOOP	PRESSURE SENSITIVE
CHW2	2" WHITE HOOK	(50 YD. ROLLS) NYLON	CHW2PS	2" WHITE HOOK	PRESSURE SENSITIVE
CLB2	2" BLACK LOOP	(50 YD. ROLLS) NYLON	CLB2PS	2" BLACK LOOP	PRESSURE SENSITIVE
CHB2	2" BLACK HOOK	(50 YD. ROLLS) NYLON	CHB2PS	2" BLACK HOOK	PRESSURE SENSITIVE

"YKK" and the combined mark of "YKK Little Parts, Big Difference." are registered trademarks of the YKK Corporation in Japan and other countries / regions.



VINYL COATED BINDING

3/4 INCH 2 EDGE TURNED - 250 YARDS PER ROLL

Style	Color	Style	Color
75301	Red	75312	Silver
75304	Green	75310	Ivory
75308	Black	75317	Navy
75309	White	75321	Brown
75302	Naut. Blue		



TOPLINE** MILDEW TREATED

Style	Color	Style	Color
75948	White	75551	Chrysler Match - White
75949	Black	75552	Chrysler Match - Black
75950	Ivory		

1 1/4" INCH 2 EDGE TURNED - 100 YARDS PER ROLL

Style	Color	Style	Color
125301	Red	125310	Ivory
125304	Green	125317	Navy
125308	Black	125321	Brown
125309	White	125302	Nautical Blue

TOPLINE** MILDEW TREATED

Style	Color	Style	Color
125948	White	125950	Ivory
125949	Black	125580	Gray
125515	Navy		



****Top line has U.V.R. and mildew inhibitors in it for extreme weather conditions**

FACING

Our facing is sliced from our style 8500 vinyl/Gray sport topping. Perfect for facing boat tops, mooring, covers, etc.

Put-Up: 60 yd. rolls

Style	Width
DF2	2"
DF4	4"



CUSHION PIPING

Style PW532 foam flex piping cord is for those who wish to make their own self welting. Comes in 1000 yd. reels.



Style: **PW532**

VINYL COATED HIDEM

Style	Color
H1200B	Black
H1200W	White

50 Yard Rolls

Above Hidem has embossing that matches automobile convertible tops.



AQUATEX II BINDING

Now available is our 3/4" 2ET AQUATEX II bias vinyl binding. This binding is made from our AQUATEX II vinyl marine fabric. Most white bindings are not really "Bright White". AQUATEX II is a bright white so it is a perfect match for any project where a real bright white is desired. Ivory is also available. Perfect match for Weblon Regatta.

Style	Color
75AQW	White
75AQI	Ivory

Put-up: **100 yd. Rolls**





SEAQUEST MATCHING CUSHION WELTING & HIDEM

Manart stocks every color of the seaquest cushion vinyl line in matching pre-made welting and hidem. Save time by using pre-made hidem and welting. Always in stock, welting comes in 50 yd put up and hidem in 25 yd.

WELTING

WESEA1	Lotion	WESEA16	Smoke
WESEA2	Too White	WESEA17	Ruby
WESEA3	White Ice	WESEA18	Lemon Peel
WESEA4	Sea White	WESEA19	Lighthouse Red
WESEA5	Oyster	WESEA20	Pelican
WESEA6	Chalk	WESEA21	Mist
WESEA7	Midnight	WESEA22	Teal
WESEA8	Marble	WESEA23	Havasu
WESEA9	Pearl Oyster	WESEA24	Navel
WESEA10	Buff	WESEA25	American Beauty
WESEA11	Ebony	WESEA26	Emerald
WESEA12	Dune	WESEA27	Cove
WESEA13	Anchor	WESEA28	Forest Green
WESEA14	Hampton	WESEA29	Navy
WESEA15	Royal		



HIDEM

HSEA1	Lotion	HSEA16	Smoke
HSEA2	Too White	HSEA17	Ruby
HSEA3	White Ice	HSEA18	Lemon Peel
HSEA4	Sea White	HSEA19	Lighthouse Red
HSEA5	Oyster	HSEA20	Pelican
HSEA6	Chalk	HSEA21	Mist
HSEA7	Midnight	HSEA22	Teal
HSEA8	Marble	HSEA23	Havasu
HSEA9	Pearl Oyster	HSEA24	Navel
HSEA10	Buff	HSEA25	American Beauty
HSEA11	Ebony	HSEA26	Emerald
HSEA12	Dune	HSEA27	Cove
HSEA13	Anchor	HSEA28	Forest Green
HSEA14	Hampton	HSEA29	Navy
HSEA15	Royal		





DABOND THREAD
BY COATS NORTH AMERICA



Do you take choosing a thread for your sewing operation lightly? A thread is a thread you say? Not when you compare Coats Dabond/Polymatic to all others for sewability, strength, reliability of performance and cost effectiveness.

And see what it will do for the finished look and the wearability of your canvas products. So the next time, make choosing a thread a serious business because a superior thread like Dabond/Polyester can make a difference. A Big difference.

SMOG, RAIN, SALT AIR, CHEMICAL POLLUTION
WHATEVER YOUR PROBLEM, MANART HAS THE THREAD FOR YOUR
CANVAS GOODS PRODUCTS.

THREAD

* Dabond D Dacron

Style	Size	Color	Cotton Equivalent
V138TB	FF	Black	12's
V138T	FF	White	12's
V92T	EE	White	16's
V92TB	EE	Black	16's
V92TBR	EE	Brown	16's
V92TBL	EE	Blue	16's
V69T	DD	White	24's

Dabond Anti-Wick

V92TAW	EE	White	16's
V92TBAW	EE	Black	16's
V138TAW	FF	White	12's
V138TBAW	FF	Black	12's

BOBBINS

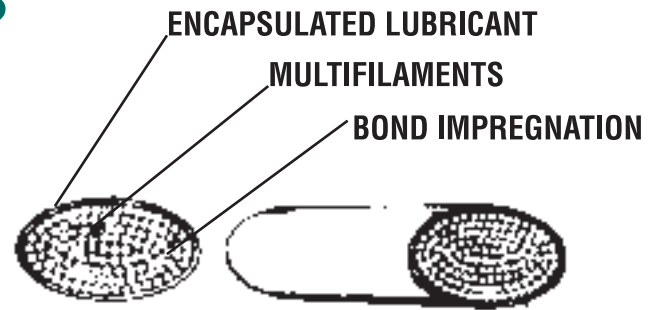
	Style	Yds/Per
V92JBB	EE BLACK J	37
V92JB	EE WHITE J	37
V92GBBL	EE BLUE G	23
V92GBBR	EE BROWN G	23
V92GB	EE WHITE G	23
V92GBB	EE BLACK G	23
V138MB	FF WHITE M	24
V138MBB	FF BLACK M	24
V92MB	EE WHITE M	39
V92MBB	EE BLACK M	39



STYLE "G" VS. STYLE "M" BOBBINS



MARINE SEWING THREAD AND PRE-WOUND BOBBINS



POLYMATIC MONOCORD

What is Monocord?

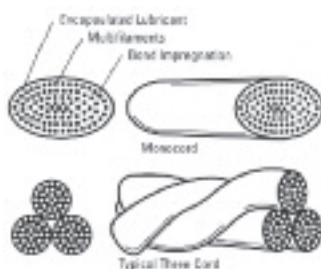
Polymatic monocord sewing threads are made from selected high tenacity, heat resistant, continuous multifilament polyester yarns.

POLYMATIC UVR DACRON THREAD

Size	Cotton Equiv.	Yards Per Lb.	Style	Color
FF	16'S	4800	EEVT	WHITE
FF	16'S	4800	EEVTB	BLACK
FF	16'S	4800	EEVTN	NATURAL
DD	24'S	6500	DDVT	WHITE
V125	12'S	3800	V125T	WHITE
V125	12'S	3800	V125TB	BLACK

UVR DACRON BOBBINS

Size	Yd/s Per Bobbin	Size	Style	Color
FF		S/F	EEVBF	WHITE
FF	27	S/G	EEVBG	WHITE
FF	27	S/G	EEVBGB	BLACK
FF	40 (LARGE)	S/M	EEVBM	WHITE
FF	40 (LARGE)	S/M	EEVBMB	BLACK



MONOCORD vs TWISTED 3 CORD





TENARA SEWING THREAD



Tenara®

SEWING THREAD



Tenara sewing threads are the new standard for sewing marine canvas products. Made from 100% synthetic PTFE fiber, Tenara will not rot or mildew. It is not affected by acid rain, industrial pollutants or cleaning agents and it has a 550° F melting point making it non-flammable. It is totally immune to UVR degradation. The lifetime marine canvas warranty tells it all!

Tenara sewing threads are available in standard or TR which is pre-lubricated. Both the standard Tenara and the TR (lubricated) are available in regular (V92) or heavy duty (V138). The standard is available in black or white in both 1lb spools or 8oz spools. The TR is available in black, white, gray or translucent in 8 oz. spools only. The lubricated makes for a cooler running needle and the translucent is a great match for the large variety of colors of fabrics that we carry.

TENARA TR

- M1000KTR8 8OZ. SPOOLS TRANSLUCENT (V92)
- M1000TRW8 8OZ. SPOOLS WHITE (V92)
- M1000TRB8 8OZ. BLACK (V92)
- M1000HKTR8 8OZ. TRANSLUCENT (V138)
- M1000HTRW8 8OZ. WHITE (V138)
- M1000HTRB8 8OZ. BLACK (V138)
- M1000TRG8 8OZ. GRAY (V92)
- M1000HTRG8 8OZ. GRAY (V138)

REGULAR TENARA

- M1000W8 8OZ. SPOOLS WHITE (V92)
- M1000B8 8OZ. BLACK (V92)
- M1000HW8 8OZ. WHITE (V138)
- M1000HB8 8OZ. BLACK (V138)
- M1000W 1 LB. WHITE (V92)
- M1000B 1 LB. BLACK (V92)
- M1000HW 1 LB. WHITE (V138)
- M1000HB 1 LB. BLACK (V138)





SUNGUARD THREAD

Sunguard is a U.V.R.bonded polyester thread that is U.V and mildew resistant. Applications include marine, awning, furniture, industrial and automotive. 8 oz. spools are available in size "92" with matching size "G" and "M" bobbins in 1 gross boxes. All colors are available and are a perfect match to Sunbrella fabrics. Approximately 2800 yards per half lb.

COLORS AVAILABLE:

S9200- Erin Green	S9201- Pacific Blue	S9202- Yellow	S9203- Jockey Red	S9204- Natural
S9208- Black	S9209- Orange	S9210- Turquoise	S9220- Beige	S9221- Brown
S9223- Aqua	S9224- Sky Blue	S9226- Navy	S9230- Cadet Grey	S9231- Burgundy
S9233- Linen	S9237- Forest	S9240- Black Cherry	S9241- Sapphire	S9242- Oyster
S9243- Persian	S9244- Charcoal	S9248- Taupe	S9251- Silver	S9252- Med. Blue
S9255- Alpine	S9258- Brass			



MATCHING STYLE "G" BOBBINS

S9200GB- Erin Green	S9201GB- Pacific Blue	S9202GB- Yellow	S9203GB- Jockey Red	S9204GB- Natural
S9208GB- Black	S9209GB- Orange	S9210GB- Turquoise	S9220GB- Beige	S9221GB- True Brown
S9223GB- Aqua	S9224GB- Sky Blue	S9226GB- Navy	S9230GB- Cadet Grey	S9231GB- Burgundy
S9233GB- Linen	S9237GB- Forest	S9240GB- Blk Cherry	S9241GB- Sapphire	S9242GB- Oyster
S9243GB- Pers Grn.	S9244GB- Charcoal	S9248GB- Taupe	S9251GB- Silver	S9252GB- Med. Blue
S9255GB- Alpine	S9258GB- Brass			

MATCHING STYLE "M" BOBBINS

S9200MB- Erin Green	S9201MB- Pac. Blue	S9202MB- Yellow	S9203MB- Jockey Red	S9204MB- Natural
S9208MB- Black	S9209MB- Orange	S9210MB- Turquoise	S9220MB- Beige	S9221MB- True Brown
S9223MB- Aqua	S9224MB- Sky Blue	S9226MB- Navy	S9230MB- Cadet Grey	S9231MB- Burgundy
S9233MB- Linen	S9237MB- Forest	S9240MB- Blk Cherry	S9241MB- Sapphire	S9242MB-Oyster
S9243MB- Pers. Grn.	S9244MB- Charcoal	S9248MB- Taupe	S9251MB- Silver	S9252MB- Med. Blue
S9255MB- Alpine	S9258MB- Brass			



"SUNGUARD"
UVR BONDED POLYESTER THREAD



MANART CORDAGE AND ROPE UTILITY CORD

NO. 4-1/2 braided cord with rayon center. (similar to venetian blind cord). Works well with any fabric for making welting, cotton blend. Great for awning lacing.

Put-up: 1000 yd. reels
Style: **UC412**



SOLID BRAIDED NYLON CORD

NO. 4, 6 And 8 Cord braided of high tensile strength nylon. Resists acids, alkalies and moisture. Ends can be fused to prevent fraying. Ideal for drawstrings and lashing.

Color: WHITE EXCEPT WHERE NOTED

Style	Width	Description
SB4	1/8"	Diameter put-up in 1000 ft. spools
SB6	3/16"	Diameter put-up in 1000 ft. spools
SB8	1/4"	Diameter put-up in 1000 ft. spools
SB10	5/16"	Diameter put-up in 1000 ft. spools
SB4BLK	1/8"	Diameter put-up in 1000 ft. spools (BLACK)

POLYPROPYLENE ROPE

Made from multi-filaments. It is impervious to rot, mildew and will not absorb water. Polypropylene rope is resistant to most acids and alkalies. It will also float. It is also resistant to solvents and may be sealed at the ends with heating (melting). Polypropylene ropes are perfect for inexpensive tie-downs and work very well in the marine trade.

Style: 1/4" **YPR14** Put-up: 1200' Rolls 5/16" **YPR516** Put-up: 600' Rolls



CHECK OUT OUR AWNING SECTION...

Please check out pages 95 through 113 for our complete line of quality retractable awnings. We offer retractable awnings for residential or commercial use, patio deck, windows and outdoor cafe's. All our awnings are available with any Sunbrella pattern and are manufactured in the USA. Normal delivery time is within 10 working days.





ELASTIC CORD

For hemming or lacing down boat covers, tie downs on truck tarps, swimming pool covers, aircraft covers. Also for hemming bags and all types of marine applications.

This cotton or nylon covered elastic cord of synthetic rubber is made to remain flexible and dependable with use. For trimmed and finished appearance, tape end with masking tape before cutting cord.

Size	Put-Up	Break in LBs.		% Max Stretch		Style	
		Cotton	Nylon	Cotton	Nylon	Cotton	Nylon
1/8"	300 ft.	25	100	110	120	CE18	NE18
3/16"	300 ft.	35	200	175	130	CE316	NE316
1/4"	300 ft.	60	400	175	130	CE14	NE14
5/16"	300 ft.	75	600	175	130	CE516	NE516
3/8"	300 ft.	80	850	175	130	CE38	NE38
1/4"	300 ft.		850		130		NE14B



HARDWARE FOR SHOCK OR ELASTIC CORD HEAVY DUTY PLIERS

STAINLESS STEEL "C" CLAMPS

Style	Size	Type
X00	For 1/8" And 3/8"	Cord
X0	For 1/4"	Cord
X1	For 5/16"	Cord
X2	For 3/8"	Cord

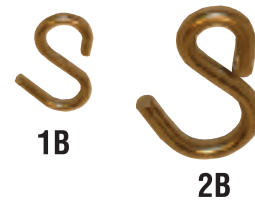


Style: ECP

A QUICK SQUEEZE
IS ALL IT TAKES TO
PUT A LOOP IN
SHOCK CORD!

STAINLESS STEEL "S" HOOKS

Style	Size	Type
1B	For 1/8" thru 5/16"	Cord
2B	For 1/4" thru 3/8"	Cord



TRUCK STRAPS

These rubber truck straps are used for tying down tarps and covers. Available in 15" and 21".

Style: **RTS15-** 15" Rubber Truck Strap
RTS21- 21" Rubber Truck Strap





Manart-Hirsch is your dependable source for brand new..

Since 1898
CONSEW®

CONSEW SEWING MACHINES

Consew has the largest selection of industrial sewing machines on the market today including the popular 206RB-5, 206RBL-25 long arm, 255RB-3 and 255RBL25 long arm. All of these heavy duty machines have large bobbins, reverse feed, safety clutch and all the options you would expect from a high quality, high speed industrial sewing machine. Buy your next machine with confidence and get delivery within just a couple of days.



206RB-5



255RBL-25



206RBL-18



255RB-3



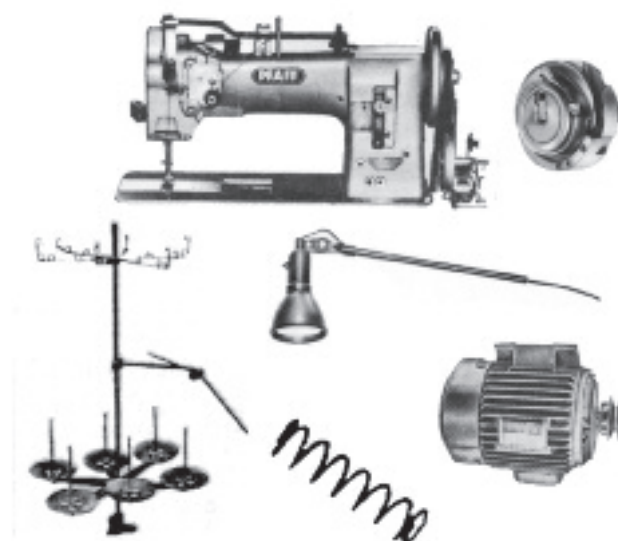
CP206R- PORTABLE



206RBL-25

INDUSTRIAL SEWING MACHINE PARTS AND ACCESSORIES

- Needle Guards (rear)
- Lower Loper Thread Take-Up
- Hinged Feet
- Shuttle Hook & Bobbin Cases
- Hooks
- Bobbins
- Plunger Springs
- Tension Springs
- Presser Bars (Uptight)
- Needle Bars (with Screw)
- General Electric Motors
- Throat Plates
- Lights



Manart distributes every conceivable part available for most sewing machine brands.



HEAT CUTTER

The clear cut solution for your synthetics



- THE IDEAL TECHNOLOGY FOR SYNTHETIC FABRICS, WEBBING, NYLON ROPES
- CONSISTENT CUTTING AND EDGE-SEALING IN ONE OPERATION
- GREATER TRIMMING CONTROL, FAST RESPONSE
- LIGHT & HEAVYWEIGHT FABRIC APPLICATIONS
- 6-8 SECOND HEAT-UP TIME
- GREAT LIFE EXPECTANCY

The HSG-0 heat gun, blade and CF foot are sold individually. Uses 110/115 volts.

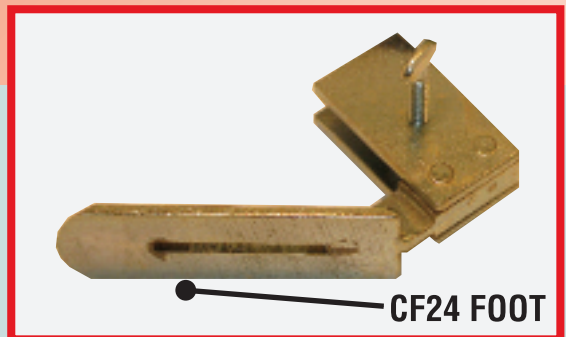
Styles: HSG-0 Hand Unit
 R13 Blade
 CF24 Foot

Manart's HSG-0 heat cutter is the perfect addition to your canvas cover or sail loft. Designed for cutting rope webbing and all synthetic fabrics. The HSG-0 unit in conjunction with the R13 blade will seal rough edges so that there is no fraying. The "New" CF cutting foot has been developed to slip on the unit, making it easy to cut or heat seal on any surface.

HSG-0 HAND UNIT



R13 BLADE



CF24 FOOT

Manart's stocks everything needed to manufacture custom navy top frames and bimini top frames...stainless steel and aluminum tubing...slide track...and the hardware in aluminum, chrome/die cast, chrome/brass, or stainless steel.



HAND HELD CUTTER

Cutters come in 2 styles.

Cut holes for the Common Sense and Lift-The-Dot Fasteners with ease!

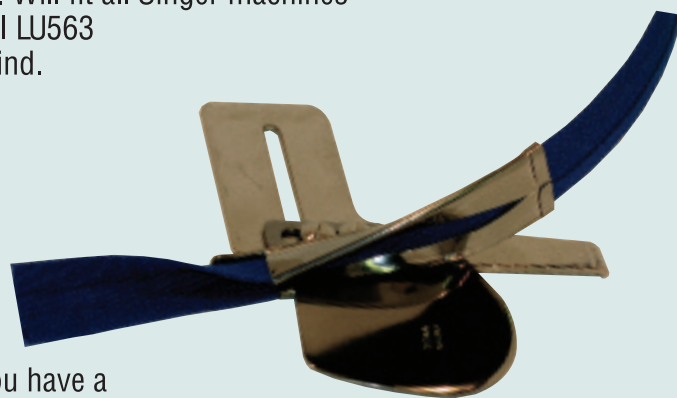


TAPE AND LEATHERETTE BINDER

Binders are made of STAINLESS STEEL and priced inexpensively. Will fit all Singer machines including 111W, 107W, Consew 226, 255, 206, JUKI LU562, JUKI LU563 and most zig zags. Use with Manart 2ET Vinyl, or Manart *Acrybind.

Styles:

- 5816B for 5/8"
- 3416B for 3/4"
- 7816B for 7/8"
- 1006B for 1"



Manart is also a distributor of sewing machine attachments. If you have a problem getting a particular part, drop us a line giving the name and model number of your machine and the part required, and we will be happy to quote you.



HAND NOTCHER

Fast and easy cutting. To notch our trailer molding (Style AATM) making it easy to curve.



Style: MN1

DS 20 DRILL STEADY

Our DS20 Drill Steady tool attaches to tubing and allows the installer to drill a hole in tubing without fighting to keep the drill in place and scratching tube. Easy swing open design allows drilling on installed frames, radiused corners and just about any other tubing application.



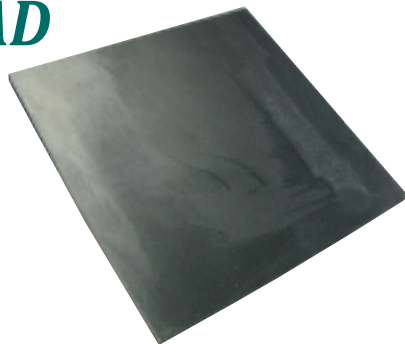
Style: DS20



CUTTING PAD

10" x 10" x 1/2"
Resilient vinyl plastic

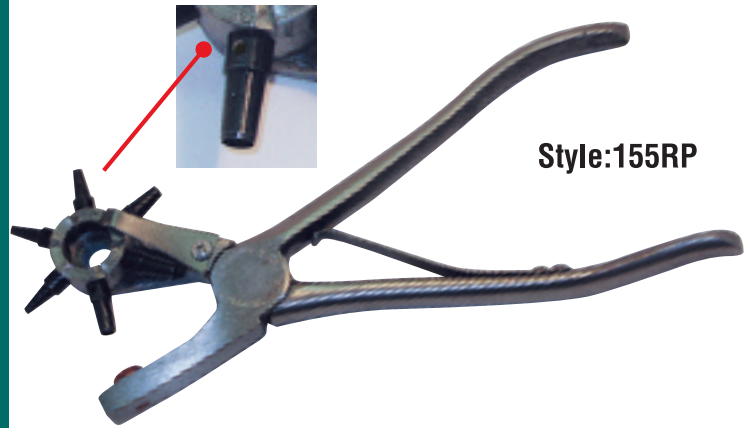
Style: P603



REVOLVING PUNCH

A fine quality pressed frame revolving punch with drive tubes. All tube are heat treated to give long wear. Furnished with tubes sizes 0, 1, 2, 3, 5 and 7. Bright nickel plated. Individually boxed.

Style 223RP Regular Punch (Not Shown)
 Style 155RP Heavy Duty Punch (Pictured)
 Style 155T Extra Tubes for 155RP



Style:155RP

RAWHIDE MALLET

Style 394RM



SEWING PALM

Style: P266

A leather bound, iron thimble, palm with riveted joints. Furnished either in right or left hand. Right hand will be furnished unless otherwise specified.





AIR STAPLERS

DUO-FAST

DUO-FAST Staplers are one of the most popular brands in the industry. The nose piece fits into hidem gimp and is perfect for boat seating and marine upholstery. Accommodates our stainless steel staples with 1/2" crown. Uses a 20 gauge .050 wire staple. Stainless steel staples are available in 1/4", 5/16", 3/8" and 1/2". Our AS5020 stapler operates on 75-90 psi.

Style: AS5020



"SUPERIOR BRAND" PRESSED GROOVE CHROME NEEDLES

SINGER	TYPE	SIZE	PHAFF	TYPE	SIZE
111W-100	135x17	ALL	145	134R	ALL
111W-102/8	135x17	ALL	145-H3	134-35R	ALL
111W-110	135x17	ALL	145-H4	190R	ALL
111W-112/14	135x17	ALL			
107W-1/12	135x7	ALL			
107W-17/19	128x1	ALL			
JUKI	TYPE	SIZE	CONSEW	TYPE	SIZE
LU-562-563	135x17	ALL	206RB-5	135x17	ALL
LU-1508	135x17	ALL	255RB-5	135x17	ALL
LZ-582	135x5	ALL			

Replace 135x16-22 DIA for 135x17 when sewing through polycarbonate

Superior packaging! Above are most popular needles. Most others available also.

Manart Stocks a complete line of Stainless Steel staples for our AS5020.

508CSS	1/4"	Chisel Tip
5010CSS	5/16"	Chisel Tip
5012CSS	3/8"	Chisel Tip
5016CSS	1/2"	Chisel Tip

* Divergent also available*

**PLEASE
INQUIRE
FOR ALL
YOUR
SEWING
MACHINE
PARTS AND
ACCESSORIES**

WELT FOOT SET

Our S3214 Welt Foot Set is made to fit the following popular sewing machines: **Singer 111W, JUKI LU563, Consew 206RB** and a host of other similar machines. Our welt foot set is the right size for use with our PW532 Poly welt cord for use in making welting (piping) for cushions.



STYLE: S3214





MANART-HIRSCH CLAMPS

The Manart-Hirsch spring clamp is made of heavy gauge steel construction with an alloy tempered steel spring. Useful for clamping fabric to frame for marking and measuring of boat tops.

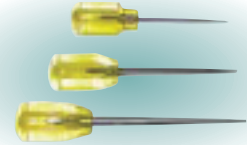
Available from stock in 2 sizes.

Style	Maximum Opening	Length
1MHC	1"	4"
2MHC	2"	6"



HEAVY DUTY SCRATCH AWLS

Length	Style
2-1/2"	SA41
3-1/2"	SA42
4-1/2"	SA43
5-1/2"	SA44



QUICK-FIT TOOLS

Quick-Fit holding tools snap onto the existing studs and provide a quick and easy way to hold material while fitting boat covers. No clamps are necessary. The Quick-Fit caps fit over the material and hold it in place especially on windy days. Manart Quick-Fit tools accurately mark the fabric cover as to where the snaps are to be placed. Can be used to fit cockpit covers, side curtains, enclosures, console covers, carpet and pickup truck tonneau covers. Quick-Fit tools can be used over and over again. Complete kit comes with 50 Quick-Fit tools, 25 caps and quick release tool for easy removal.

Style: **QFT**- Quick-Fit Tool

Style: **QFHC**- Quick-Fit Holding Caps Only



1/8" - 3/16"

HOLE PUNCH

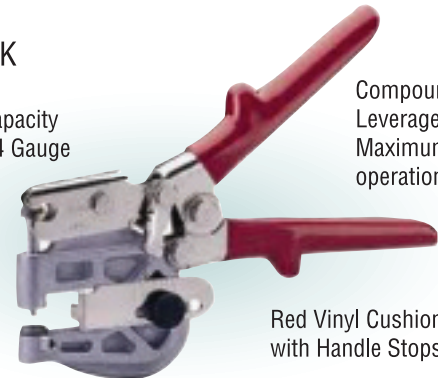
Adjusts from 1/4" to 1-1/8" Depths

Use to pre-punch holes in trailer molding for rivets and screws. Compound leverage increases one hand mechanical advantage 8-1. Spring return handles allow quick set-up for repetitive applications no slip cushion hand grips.

Style: HP18K

Maximum Capacity
(2 Layers) 24 Gauge

Compound Handle
Leverage For
Maximum ease of
operation



Red Vinyl Cushion Grips
with Handle Stops

UPHOLSTERERS' PINS

STYLE	190P3	190P35	190P4	190T2
INCHES	3"	3 1/2"	4"	2"

190T2
"T" Pins

190P
Uph. Pins

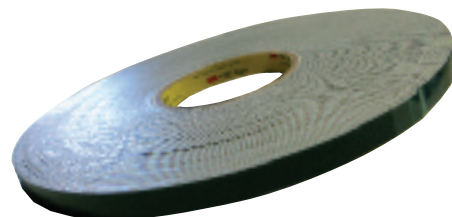




VHB ATTACHMENT TAPE

Our VHB attachment tape is used on Costa track or our standard trailer molding. Adhere tape to track before screwing down. The VHB tape will secure a waterproof bond as well as hold the track in place while you screw it to the boat. Comes in 1/2" by 36 yard rolls.

Style: **VHB12**



MARINE ADHESIVE TRANSFER TAPE

Manart adhesive transfer tape is a high tack acrylic and is designed to provide a high initial adhesion and excellent bond to most synthetic plastic and canvas fabrics.

The tape is rolled onto the fabric surface to which it adheres, and leaves a very sticky, clear strip on both of its sides. Another fabric may then be laid over to which it will stick and be ready for sewing. This will eliminate any slippage (as with Dacron fabrics) and help prevent leakage in the seams. The tape will increase its bond as a function of time and temperature. This is a permanent adhesive between two fabrics. Also available in mylar transfer tape which is recommended for use on Sunbrella Fabrics.

Application at temperatures below 50 degrees F is not recommended.

STYLE	WIDTH	YDS/ROLL	ROLLS/CTN
MTT14	1/4"	72	144
MTT12	1/2"	72	72
MTT34	3/4"	72	48

MYLAR

MTT14R	1/4"	60	144
MTT12R	1/2"	60	72
MTT34R	3/4"	60	48



TOP STOP PLIERS

Allows for easy installation of stainless steel zipper stops. Cut-away tip and tension spring ensure that "stops" stay in place. Manufactured out of high quality drop forged steel, it's built to last. For use with our style 10TSSS #10 stainless steel zipper stops.

Style: **TSP**



Engineered design tool.

MARINE FITTING CLIPS

Our style CC781 make fitting a Bimini or Navy top simple. Fitting clips snap over fabric after it is laid over the framework. The clips hold the fabric in place while you measure and fit the top of the frame.

Unlike spring clamps, fitting clips hold very secure and do not pop off. Can be used over and over again. One side of the clip fits 7/8" tubing and the other fits 1" tubing.

Style: **CC781**

ZIPPER JIG

This zipper jig allows for quick and efficient assembly of sliders onto zipper chain. Works for all zipper size #2.5 to # 10. The jig clamps onto your workbench and then stands up allowing the slider to stay in one place and allowing you to pull the chain through the slider. Photo instructions included.

Style: **ZSJ**





BUTTON MACHINE

Uses two piece type button covering dies. Simple to operate; durable; will deliver a lifetime of service.

Net weight: 12 Lbs.
Height: 19"
Requires 4" x 7" counter space

Model BP1920



BUTTON COVERING DIES

This type of die requires insertion of shell and cloth into upper die by hand. A wood pusher is supplied for this purpose. By inverting upper die over lower die closure is effected when arm of machine is depressed. Recommended for re-upholstery trade and users of small quantities.



Style: **D1922-** #22 Set
D1930- #30 Set
D1945- #45 Set

RUST RESISTANT WIRE EYE BACK AND SHELL (#7 OR #9)

Stock Sizes:
#22 (9/16" Diameter)
#30 (3/4" Diameter) (Best For Boat Work)
#45 (1 1/8" Diameter)

Pack: 1 Gr., 5 Gr., 25 Gr.
Style: TB22RP- #22
TB30RP- #30
TB45RP- #45



VENTILATORS AND WASHERS

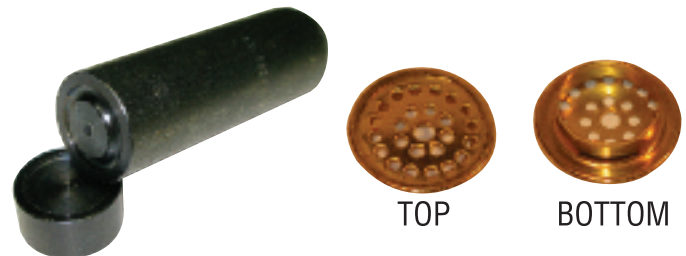
Pack 100 or 1000
Style: PVW34



HAND VENT DIES

Air Circulation in cushions is no longer a problem with these easy to install brass ventilators. Simply punch hole in fabric with our 9/16" arch punch and install vents with the vent punch (which works like a standard grommet set). Vents are 3/4" in diameter.

Arch Punch Style: AP149916
Vent Die Style: HV621
Vent Style: V134



TOP

BOTTOM

ATTACHING DIES FOR BUTTONS AND VENTILATORS (FOR 1920 PRESS)

S/1922 Complete set of dies and cutter for both wire eye and clinch prong #22
S/1930 Complete set of dies and cutter for both wire eye and clinch prong #30
S/1945 Complete set of dies and cutter for both wire eye and clinch prong #45
#D54-1/2 Ventilator Dies With Cutter



SHEARS

BENT TRIMMERS WITH INLAID BLADES

WISS® INLAID® TRIMMERS

These are the finest quality Wiss shears you can buy and are manufactured by a special Wiss process combining high-carbon steel blades with steel frames. This process results in shears that have a longer lasting cutting edge and that are superior to ordinary shears of one piece steel construction.



W20W

WISS BENT HANDLE SHEARS

INLAID BLADES- BLACK HANDLES- POLISHED BLADES- ADJUSTABLE BOLTS AND NUTS

Style No.	Type	Suggested Application	Full Length	Length Of Cut
W20	Medium Blade	General Light Use	10"	5"
W20LH	LH Medium Blade	General Use	10"	5"
W20W	Heavy Blade	Upholstery, Carpet, Drapery	10"	5"
W22W	Heavy Blade	Awning, Upholstery, carpet, Drapery	12"	6"
W28	Regular Blade	Awning, Canvas, Uph	8"	3 5/8"
W22	Regular Blade	Awning, Canvas, Uph	12"	6"
W20P	Medium Blade	Cushion Handle	10"	5"
W22P	Regular Blade	Cushion Handle	12"	6"



W20

WISS KNIFE EDGE SHEARS

WITH INLAID BLADES

Gives superior sharpness and hardness- cuts through materials faster- reduces hand fatigue- can be re-sharpened by user- use 280-320 grit sharpening stone. Instructions for sharpening will be found on each box. Ideal for cutting canvas, leather, carpets, laminated fabrics, foam rubber and multiple thickness' of fabrics.

Style No.	Type	Full Length	Length Of Cut
W1225	Med. Blade	10"	5"
W1226	Hvy. Blade	12"	6 1/4"



W1225

WISS THREAD CLIPS

MADE OF HOT DROP-FORGED FINE CUTLERY STEEL

Ideal for clipping threads, strings and ripping seams.

Self-opening spring provides fast, clean cutting.

Style No.	Type	Full Length	Length Of Cut
WTC-1	Clip	4-5/8"	1"



TC1

Sharp points- Nickel Plated knife edge

PINKING SHEARS

MODEL NO. AA PROFESSIONAL SIZE

Extra large teeth- Length of cut 4-1/16"

Overall size- 10 1/2"

Style No. **WAA**



WAA



MUNDIAL INDUSTRIAL SHEARS

Manarts line of Mundial industrial shears can't be beat for quality and value. Hot Forged, nickle plated blades have black handles. Adjustable screw with either nut or stay-set pivot make blade tension adjustment easy. All of our Mundial shears have knife edge blades at no extra cost.

Mundial Guarantees satisfactory performance and freedom from defects in material, construction and workmanship for as long as you own the shears. (Obvious misuse and abuse are specifically excluded from the lifetime guarantee coverage).

Style	Description	Full Length	Length of Cut
M42010	10" Knife Edge Shear (Most popular)	10"	4 7/8"
M42212	12" Knife Edge Shear	12"	6 1/8"
M45510	10" Knife Edge Shear Heavy Duty	10"	4 7/8"
M410	10" Pinking Shear	10"	4"
M301	Stainless Steel Clips	4 1/2"	1"
M42010LH	Left Handed Knife Edge Shears	10"	4 7/8"
M4558	8" Knife Edge Shears	8"	3 5/8"



ACU-CUTTER FOAM RUBBER CUTTER

Designed and made in the U.S.A, Our new ACU-cutter electric foam cutter is perfect for standard foam rubber & high density foam.

ACU-Cutter has the following features:

Solid Steel Construction	Equipped with Glide Rollers
Dual Blade Cutting Action	Blade Length- 8 inches
Heavy Duty Safety Stachion	Powerful 4.5 Amp
Detachable Foot Plate	Full One Year Warranty

Style: **ACC500**- Dual Moving Blades



FOAM RUBBER SLICING DEVICE

U-CUT IS A DEVICE NO SHOP CAN AFFORD TO BE WITHOUT.

Compact and easy to handle. Nothing to wear out.

U-CUT is fast, flexible and fool proof. The operator has to only place U-CUT on a table or on the floor along with the slab of material to be cut. The desired cutting thickness is quickly obtained by means of an adjustable screw setting. The operator merely pushes and pulls U-CUT in a saw-like action and in seconds the desired cut of material had been made- neatly and accurately.

U-CUT will cut from a minimum of 1/4" to a maximum thickness of 9". Material of up to 36" in width and unlimited length can be processed. You can glue salvageable large material and use every peice of it.

Style: **410UCUT**



U-CUT can also be used to make wedges, curves, arcs and other special shapes by making an inexpensive form to support the material to be cut.

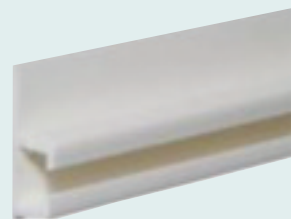


MARINE CURTAIN TRACK SLIDE-RITE

SLIDE-RITE CURTAIN TRACK is made of ABS cyclac. This is very versatile system is specifically designed for the automotive and marine industries. It is flexible, non-corrosive and friction free. Two colors are available to match various interiors. The two types of nylon slides (EYE SLIDES & TAIL SLIDES) will accomodate any installation situation.

INSTALLATION: Install track by either gluing with epoxy or screwing in with enclosed fasteners into the 1/4" edge on side of the track. Eye slides are sewn in for either overhead or side mounting or use #3100 drapery hooks. (Fasteners are included in kit but be careful that you do not screw through fiberglass shells).

USES: When a flush overhead or side mounting is indicated.



**RE3110
WHITE BULK TRACK (8' LENGTHS)**

The TAIL SLIDE should be used on overhead installations, or it can be sewn into the curtain pleat for horizontal installation. The fabric gets sewn directly onto the thin nylon tab.



Style: **RE3041**

White Nylon Tail Slide
(100 Per Pack)

RE3100- Eye slide for SLIDE-RITE curtain track can be either overhead or side mounted. No. 3100 Drapery hook or sewn directly into fabric.

White Nylon Eye Slide (100 Per Pack)



MANART WASHOUT MARKING PENCILS

Designed to washout from most fabrics with water. Great on Sunbrella!
Also works on all types of vinyls.

Style: **WPW**
White Only



CHINA MARKERS GREASE PENCILS

Manarts china markers are made by Dixon which explains why they are the finest quality available. They have a pull string for ease of use. Perfect for marking Aqua-View window vinyl, and all boat top and industrial vinyls. Wipes off easily with a damp cloth. Available in White, Yellow and Black.

Put-up: 12 markers per box or 144 per case



Style: **CMY-** Yellow
Style: **CMW-** White
Style: **CMB-** Black



YACHTRAC™ DRAPERY TRACK SYSTEM DRAPERY FABRICATION INSTRUCTIONS

(1) For 60% fullness and 3/4" deep pleats, estimate your material requirements, carriers, snap tape, and hemmed flat fabric width from the chart below.

MATERIAL REQUIREMENTS

Area To Be Covered In Multiples Of 4 1/4"	No. Of 4 1/4" Spaces Between Snaps Plus 1 1/2" Each End	Hemmed Flat Fabric Width	Carriers Required
25 1/2"	10 or 45 1/2"	44 1/4"	10
34"	13 or 58 1/4"	57 1/4"	14
42 1/2"	16 or 71	70.0	17
46 3/4"	17 or 75 1/4"	74 1/4"	18
59 1/2"	22 or 96 1/2"	95 1/2"	23
72 1/4"	27 or 117 3/4"	116 3/4"	28

(2) Cut fabric panel to the correct size and sew a 1" hem at top and each side and a 4" hem at the bottom. Place curtain weight in the hem at each corner of the drape. (Fig. 2)

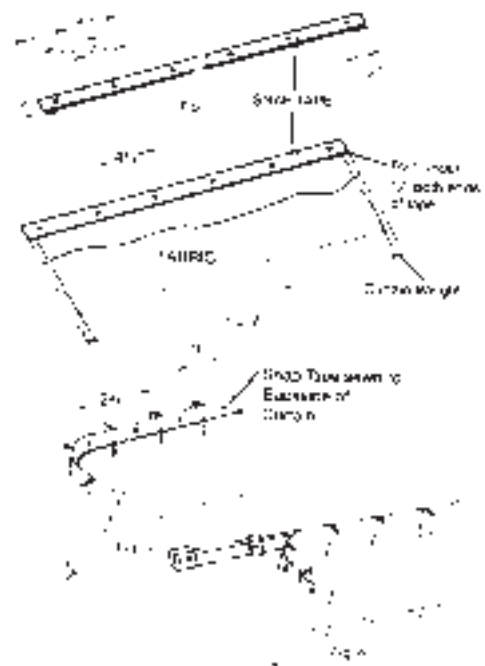
(3) Cut snap tape, center it on the heading. Fold ends under 1/2" and mark the pleat locations halfway between each snap. Sew the snap-tape to curtain heading. (Fig. 2.)

(4) Fold a 3/4" pleat into drape at mark on snap-tape. Sew (stitch) the pleat into the drape by stitching down the width of the heading (1"). Repeat for each pleat (Fig. 3).

(5) Attach draperies to track. (Fig. 4)

YACHTRAC

"INSTRUCTIONS"
HOW TO MAKE CURTAINS



Styles:

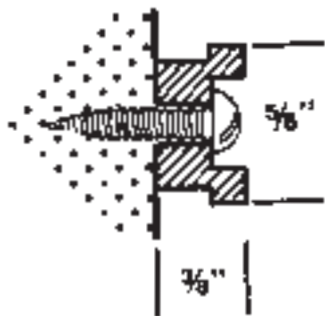
YT52001	Flexible, ABS YACHTRAC 3 ft. lengths- White
YT50341	End Caps- White (100 Per. Box)
YT3071	Carriers (100 Per. Box)
YT30916	Snap Tape- 100 yd. Roll- White



YACHTRAC™ DRAPERY TRACK SYSTEM



YACHTRAC is a new multi-purpose flexible drapery track system that is molded from rigid high quality plastics in lengths of 36". The unique design of the 36" molded YACHTRAC pieces allows them to be attached firmly together end on end to form any desired drapery length. Its compact size, thin profile and decorator styling make it a popular designer item. YACHTRAC is 5/8" wide and projects 3/8" from the wall. It is easy to install by professionals or do-it yourself installers in residences, boats, vans, airplanes, travel trailers and motorhomes. YACHTRAC and its accessories make it a complete snap-on drapery heading system.

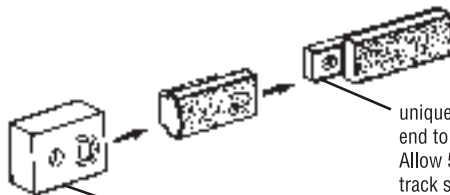
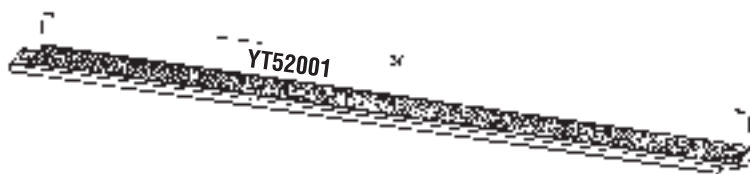


5200 SERIES track is molded of the highest ABS or high impact styrene plastic. 6200 series track (available by special order only) is molded of strong and flexible high impact strength polycarbonate material.

YT52001 track is 36" long, 5/8" wide and 3/8" thick. Install directly to bulkhead or wall with screws or pop rivets as appropriate.

FEATURES

- Mottled leather-like finish
- Flexible track curves to a 7" radius.
- Drapes snap on and off for cleaning.
- 36" pieces fit firmly together end on end to form any desired drapery track length.
- Pre-molded installation holes on 12" centers.
- Thin profile, projects 3/8", easy installation and maintenance.



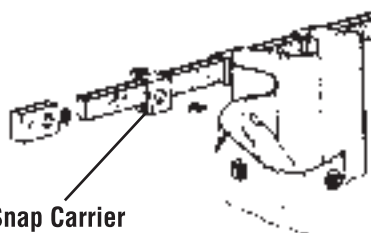
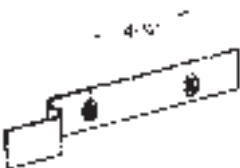
unique track ends fit firmly together end on end to form any desired drapery length. Allow 5/8" to install end-cap, and cut final track section to fit space requirement.

No.5034 end-cap: rust proof and non-corrosive. Serves as an end stop, finishing cap, track end and curtain return anchor. Finishes: White (1) Brown (2), Gray (3) Black (4) and Clear (4).



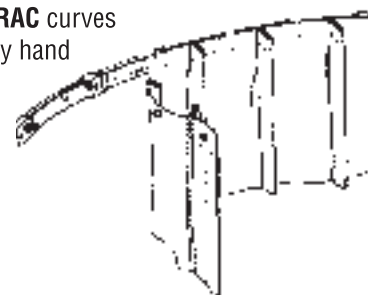
No. **YT3071** snap carrier: Glides easily over track. Rust Proof non-corrosive easily snaps over track after track is installed. Finish (1).

No. **YT30916** snap-tape: Snap tape is a heavy duty 7/8" wide nylon tape. Snaps are triple nickel plated brass, permanently attached to the snap-tape on 4 1/4" centers. Finish (6).

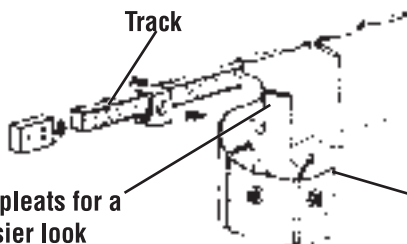
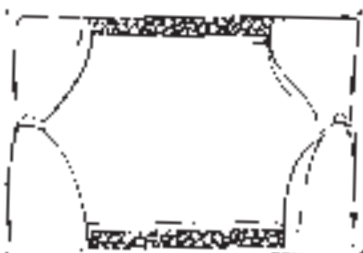


Snap Carrier

YACHTRAC curves easily by hand



YACHTRAC may be installed at top and bottom of curtains.



3/4" pleats for a dressier look

Install carriers and end stop as shown. Sew snap-tape to curtain heading and snap curtain onto carriers. Unsnap curtains for cleaning.

Snap Tape



POWERRAIL® BY YKK

PowerRail is a new innovative track, hook and rail system engineered for the attachment and easy removal of anything that needs to be held in place and removed in a vertical or horizontal position. The 2-1/2" extrusion that is available in 4', 5' or 6' lengths is screwed to a surface (wall, boat cockpit, under boat cushions, etc.) and a 2" extruded hook slides into the tracks channel. Just attach any 2" loop to the item you need to hang or keep in place and push it onto the PowerRail. (Just like you would normally with Velcro) The PowerRail hook will not degrade and can be easily removed and re-installed if needed by simply sliding in and out of the track. Great for Coaming pads in boat cockpits, keeping cushions in place, holding gym mats to walls and a host of other applications. The track is a neutral color gray and the hook is black.



Track Style: **PR4** 4' PowerRail **PR5** 5' PowerRail **PR6** 6' PowerRail
 Hook Style: **PRHB2** 2" Black Hook

YKK is a registered trademark of YKK Corporation

POLE PAD

Our new PolePad prevents the sliding and collapsing of mooring poles while they are holding up cockpit and mooring covers. The 8" diameter elastomer pad has a non-slip base that holds the pole securely and safely on any surface. Just remove the crutch tip on the bottom of the mooring pole and slide it into the PolePad. The soft elastomer contours to the floor of the boat and will fit all standard 7/8" OD mooring pole tubes.

Color: White

Style: **PP78**

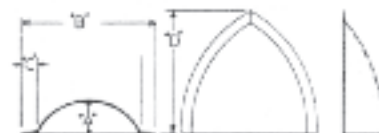
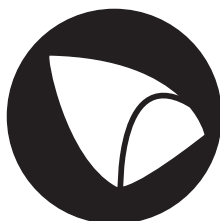


VENT-AIRE VENTS

Vent-Aire vents prevent dry rot, condensation, mildew and rust. Made of tough, pliable plastic which snaps back after being bent, folded or flattened. Special hood design ensures that vent will remain open regardless of how cover or material is folded.

Vent-Aire vents can be stitched to tarps and covers to provide proper ventilation for covered boats, machinery, trucks and tents.

Style	Size	Colors Available
61	Large	Pearl Grey, White
62	Medium	Pearl Grey, White, Blue



61	Large	A — 3"
		OD — 15"
		— 21 1/4"
		— 9"
62	Med.	A — 2"
		OD — 8 21/32"
		— 1 1/2"
		— 6 1/8"



Clear Vinyl Cleaner And Polish
M210



Plastic Scratch Remover
M210 Plus

Aqua-View

By Manart-Hirsch

Plastic Scratch Remover: **M210 Plus**

Available in 15 Oz. Bottles- Style: **M210P15**

Clear Vinyl Cleaner and Polish: **M210**

Available in 7 Oz. or 14 Oz. Cans

Style: **M2107** or **M210**

GLASS CLEANER

Our M50 Glass Cleaner cleans in seconds and is guaranteed to leave no film. Excellent for cleaning plastic, chrome, stainless steel and enamel as well as glass and mirror. Will not hurt windshield sealants. No-Caustic and non-flammable.

Put-up: 12 Cans per Ctn.
Style: **M50**



SILICONE SPRAY

Our M946 Silicone Spray will speed cutting and sewing with its non-staining, distant dry formula. It helps eliminate drag, bunching and binding.

Put-up: 12 Cans per Ctn.
Style: **M946**



STAR BRITE SNAP & ZIPPER LUBRICANT

Non-toxic, non-staining white teflon lubricant will not wash off. Just apply to boat top snaps and zippers for protection against corrosion and excessive wear. Prevents binding and repels salt spray deposits.

Put-up: 12 Tubes per Ctn.
Style: **SZL2**



YKK ZIPPY COOL KIT

YKK zippy cool comes with both cleaning fluid with lubricating brush and wax lubricant. Brush zipper with cleaning fluid and apply wax lubricant to ensure your sliders move freely. Manufactured and approved by YKK.

Put-up: 12 Tubes per Ctn.
Style: **ZCC**





AQUA-TITE GREEN

New Aqua-Tite Green is a premium water repellent with no negative impact on the environment. Manufactured by Marchem, the makers of Top Gun, Odyssey and Top Notch, Aqua-Tite applies easily and is long lasting. Aqua-Tite can be applied by spray applicator, paint brush or roller. It can be used on flame retardant fabrics without effecting the flame resistant properties. Great for all fabrics including acrylic, cotton, nylon, polyester and cotton blends. One gallon covers approx. 200 sq. ft. Stocked in quarts with premium trigger sprayer and gallons. 55 gallon drums also available.

Aqua-tite is perfect for boat top fabrics such as sunbrella, top gun, top notch & sunforger.

Style: **AQ32**- Quarts

Style: **AQ128**- Gallons



303 HIGH TECH FABRIC GUARD

Recommended by Glen Raven Mills Inc., for Sunbrella Acrylic fabrics, 303 High Tech fabric guard brings back the original water repellency to fabrics that have lost their water repellency over an extended period of time or due to aggressive cleaning. 303 is specifically formulated for outdoor fabrics, containing a multi-functional fluoropolymer in odorless mineral spirits similar to the finishing process that Glen Raven uses for Sunbrella. 303 adds superior stain resistance for both water and oil based stains and has UV screening. 303 lasts up to 3 years before a new application is needed.

Our 16 oz. Bottles can cover between 75-100 Sq. Ft. and our Gallons cover 500-800 Sq. Ft. Always use 2 light applications or 1 medium application. Never soak fabric, and always clean fabric before applying 303.

- Maintains water repellency on outdoor fabrics
- Safe enough for fine fabrics such as silk, wool and suede
- Great for all indoor and outdoor fabrics
- Recommended by Sunbrella®

Style: **FG303**- Fabric Guard 16 Oz. Spray Bottle

Style: **FG303128**- Fabric Guard 1 Gallon Bottle





303 AEROSPACE PROTECTANT

303 Protectant helps keep vinyl looking new for years. 303 Protectant leaves vinyl with an effective UV screen and is soil and stain resistant. It is also resistant to salt and salt water. Great for protecting vinyl boat cushions as well as vinyl awnings, tonneau covers, etc.

- Protects all vinyls, rubber, fiberglass and plastics from uv caused slow fade
- Surfaces repel stains- water or oil based
- Treated surfaces stay cleaner longer and are easier to clean
- Mildew problems are minimized by keeping surfaces clean and dry
- Available in 16oz pump spray bottles

Style: **P30316**- Vinyl Protectant 16 Oz. Pump Spray



303 FABRIC CLEANER

303 fabric cleaner is non-hazardous & contains no caustic chemicals or solvents. Its powerful heavy degreasing formula can be used on most fabrics either full strength or diluted. 303 fabric cleaner meets and exceeds EPA standards for biodegradable.

- Recommended by Sunbrella
- Removes grease, oil, ink, blood and many others difficult stains
- 303® is non-toxic and rinses residue free
- Available in 32oz spray bottles or 128oz refills

Style: **FC303**- Fabric Cleaner 32 Oz. Spray Bottle

Style: **FC303128**- Fabric Cleaner 1 Gallon Bottle



SEWING OIL

Lilly White Sewing Oil is available in 1 gallon containers.

Helps keep your machine running smooth for years.



Style: **S0**



MOLD AND MILDEW CLEANER

Iosso mold and mildew remover safely removes mold, mildew, algae stains, tree sap, grease and oil from awnings, cushions, tents, umbrellas & boat covers. Also works great on vinyl, plastic and fiberglass. Use Iosso mold & mildew remover on sunbrella, top notch, top gun, odyssey & most other marine fabrics. Iosso mold and mildew cleaner is bio-degradable and emits no harmful vapors. 1 gallon cleans approximately 150 sq. ft. and One 12oz jar makes up to 3 gallons of solution. Available in either 12oz or 65 oz jars.



Style: **MMC12** (12 oz.)
MMC65 (1 Gallon)

HH-66 VINYL CEMENT

HH-66 is a superior vinyl adhesive that really works. It brushes on smoothly and easily for a fast drying (ready in minutes) exceptionally strong bond. HH-66 is Waterproof with outstanding resistance to temperature, weather extremes, oil, fuel, chemicals and grease. Because HH-66 remains flexible, it is also great for sealing seams.

Bonds vinyl coated and laminated vinyl fabrics, plastics, metals, wood and leather.

Works great on Tuf-Stuff, Herculite, PVC18, AquaTex II, Weblon, Etc...
Patching is made easy with HH-66 vinyl cement.



Available in brush top cans: **HH-66**: 8 oz., **HH-6612**: 12 oz.
HH-6632- Quarts & **HH66128**: Gallons. Gallons are screw top.

FOAM ADHESIVE

Manart-Hirsch style M092 heavy duty trim adhesive is a contact adhesive designed for bonding flotation foams, regular foams, headliners, carpets, vinyl tops and hood silencer pads where high strength and heat resistance are needed.

Put-up: 12 Cans Per Ctn.
Style: **M092**



IOSSO SEAM SEALER

Iosso seam sealer helps prevent most seams from leaking by applying to the underside of the canvas at the seams. Apply on cotton, cotton blends, polyester, acrylic and woven synthetic fabrics. Iosso seam sealer dries to a clear flexible finish. Available in 4oz bottles with applicator tip.

Style: **SS4**





STRATAGLASS CLEANER

Imars **S301** Strataglass cleaner is the only cleaner recommended by Strataglass themselves. It is specially formulated to increase the longevity of your clear windows whether is be Strataglass or Crystal Clear 20/20. It is available in convenient pump bottles. Each bottle is 16 Fl. Oz.

Put-up: 12 Per Ctn.

Style: **S301**



STRATAGLASS PROTECTIVE POLISH



Imars **S302** Strataglass protective polish helps protect your Strataglass from harmful elements by coating it with a protective barrier. Simply apply to clean windows and remove with a soft towel. For best results, use in conjunction with Imars **S301** protective cleaner to increase the life of your clear windows. Each bottle is 16 Fl Oz.

Put-up: 12 Per Ctn.

Style: **S302**

STAMOID MARINE VINYL CLEANER

Stamoid marine vinyl cleaner is specially formulated to thoroughly clean all marine vinyls including Stamoid. When used accordingly, it is designed to not harm Strataglass or Aqua-Vlew clear vinyl. Vinyl cleaner is recommended for frequent use with Imar Stamoid marine vinyl protectant spray to ensure a continued "like new" appearance. Each bottle is 16 Fl Oz.

Put-up: 12 Per Ctn.

Style: **S603**



STAMOID MARINE VINYL PROTECTIVE SPRAY



Imars marine vinyl protective spray is uniquely designed to clean and protect Stamoid marine vinyls as well as similar vinyls. It helps to ensure longevity by reducing brittleness and deterioration. Each bottle is 16 Fl Oz.

Put up: 12 Per Ctn.

Style: **S602**



STRATAGLASS 54" X 111" PRESSED POLISH SHEETS



Strataglass is the premiere scratch resistant, clear, pressed polished vinyl for marine Applications. Strataglass has patented an outer polymeric scratch resistant coating that is engineered to resist the damaging effects from the sun's rays and scratching from Handling.

Available in .030, .040 and .060 gauges in clear, regular smoke tint and dark smoke tint.
Put-up: 5 sheets per drum

MANART-HIRSCH IS THE CONVERTER OF PRESSED POLISH SHEETS 54" X 110"

Aqua-View

By Manart-Hirsch

Clear Vinyl Sheets for Bimini Enclosures and Navy Tops

- .020 Gauge Clear
- .030 Gauge Clear
- .040 Gauge Clear
- .060 Gauge Clear
- .020 Gauge Florida Smoke Tint
- .030 Gauge Florida Smoke Tint
- .040 Gauge Florida Smoke Tint
- .040 Gauge Dark Smoke



ULTRA-VIOLET RESISTANT & -20 COLD CRACK

MANARTS CLEAR DOUBLE POLISHED ROLLER VINYL IS MANUFACTURED EXCLUSIVELY FOR MARINE USE. AS DIRECT IMPORTERS, WE CONTROL THE QUALITY SO OUR CUSTOMERS ARE ASSURED OF MARINE GRADE QUALITY VINYL FOR MARINE PRODUCTS.

- | | |
|---|--|
| 54" .020 CLEAR 60 YD. ROLLS | 54" .030 CLEAR 19 YD. ROLLS (UPS) |
| 54" .020 FLORIDA SMOKE 30 YD. ROLLS (UPS) | 54" .030 FLORIDA SMOKE 19 YD. ROLLS (UPS) |
| 54" .020 CLEAR 30 YD. ROLLS (UPS) | 54" .040 CLEAR 15 YD. ROLLS (UPS) |
| 54" .020 FLORIDA SMOKE 60 YD. ROLLS | 54" .030 CLEAR FLAME RET. 19 YD. ROLLS (UPS) |
| 54" .030 CLEAR 38 YD. ROLLS | 54" .030 CLEAR EXTRUDED 20 YD. ROLLS (UPS) |

ULTRA-VIOLET RESISTANT- ALWAYS BE SURE TO CLEAN WITH MANARTS 210 CLEANER POLISH



AWNINGS

SECTION



ALL OF OUR RETRACTABLE AWNINGS ARE PRODUCED WITH ONLY THE FINEST COMPONENTS. FRAMES ARE ANODIZED OR POWDER COATED FOR LONGEVITY & ONLY THE FINEST ACRYLIC FABRICS ARE SUPPLIED FOR DIMENSION STABILITY & EXCEPTIONAL RESISTANCE AGAINST FADING & MILDEW. ALL OF OUR RETRACTABLE AWNINGS CARRY A "10" YEAR WARRANTY.

LEAD TIME FOR AWNINGS COMPLETE WITH FABRICS IS APPROXIMATELY 5-10 WORKING DAYS. AWNINGS WITHOUT FABRIC ASSEMBLY CAN BE SHIPPED WITHIN 2-3 WORKING DAYS.



*Dependable
Durable
Beautiful
Elegant*

MADERA



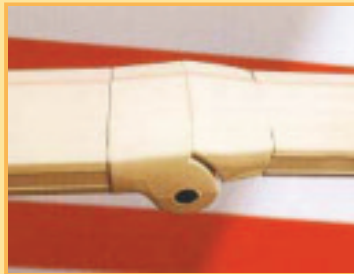
European style with a flair

Madera is an elegant retractable awning designed to provide shade on command. It opens and closes simply extending and retracting its arms, either by hand crank, electrical motor, or by sophisticated electronic devices promptly responding to the sun and/or the wind.
















When totally retracted, Madera discreetly rests within a few inches from the wall, eliminating any need for winter storage. When extended, either partially or totally, Madera displays the beauty of its fabric. Hundreds of vivid patterns specially designed to dress up your home.



MADERA



Product Features

• Width Range	6' to 45' (1/4" increments)										
• Projection Range	4'3", 5'4", 6'11", 8'7", 10'2", 12', 13'										
• Side dimension w/Hood	11" H x 11-1/2" W										
• Side dimension w/out Hood	10" H x 9" W										
• Hood	Yes (optional)										
• Hood Shape	11-1/2" Round										
• Opening Control	Manual Gear or Motorized										
• Installation Option	Wall, Soffit, Roof Mounted										
• Bracket Size	8- 1/2" H x 2-3/8" W x 4-3/4" L										
• Standard Pitch Control	Bolt Lock System										
• Crank Pitch Control	Yes (optional)										
• Drop Down Valance	Yes (optional)										
• Fabric Option	Over 300 acrylic fabric patterns										
• Leg Kit	Yes (optional)										
• Standar Color Frame	<table border="0"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White</td> <td>Brown</td> <td>Cream</td> <td>Gray</td> <td>Black</td> </tr> </table>						White	Brown	Cream	Gray	Black
											
White	Brown	Cream	Gray	Black							
• Custom Color Frame	Any (on request)										
• Frame Warranty	10 Years										

Durable. Engineered to satisfy the most stringent mechanical requirements, its arms are tested to last twice the expected life span commonly referred to by the industry and its stainless steel cables are protected with an UV resistant coating to increase their endurance.

Beautiful. Madera's sleek design has been achieved to enhance the value of your home. With the extensive variety of colors offered today by hundreds of vivid fabrics, the finish of its parts, its compact look when totally retracted, and the flexuosity of its arms when fully extended, Madera has the look you want

Elegant. They say elegance is to stand inconspicuously. So, the discrete design of Madera is meant to blend with the siding of your house while extending your presence to your immediate outdoor lending graceful ambiance to any setting. You will appreciate Madera generous size and uncommon strength.

Dependable. Built only with the finest materials, Madera frames are finished with electrostatic powder coated epoxy paint on all its parts to assure the most durable and yet elegant finishing against chipping, cracking, and fading. Like all Alutex products, Madera is covered by a ten-year warranty.



*Dependable
 Durable
 Beautiful
 Elegant*

MADERA COMMERCIAL



Heavy-duty With Class



Designed to offer an extra strong solution to commercial applications in public areas such as outdoor restaurants, cafes, and general locations, Madera Commercial can reach up to 14' in projection with its extra heavy-duty arms without compromising its elegant design, and yet be perfectly suitable for residential use.

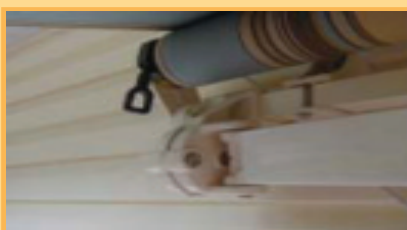
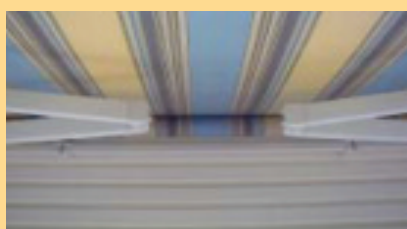


MADERA COMMERCIAL



Because of Madera Commercial extra heavy-duty features its arms are designed to provide above standard inertia and its elbows are supplied with stainless steel tension chains able to respond to a spring load of up to 600lb. All its hardware is stainless steel as well, and the all frame is protected by an Alutex 10 year warranty.

Madera Commercial's standard arm projections are 10', 12', 13', and 14' and its frames are available in white, brown or cream powder coated finish standard colors and can be manually or electrically controlled.



Product Features

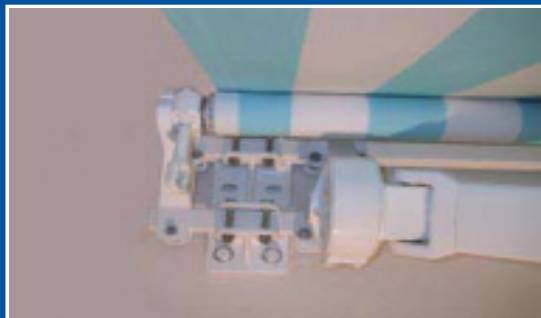
- Width Range 12'6" to 45' (1/8" increment)
- Projection Range 10'2", 12', 13', 14'
- Side dimension w/Hood 14'Hx11-1/2"W
- Side dimension w/out Hood 13" H x 9" W
- Hood Yes (optional)
- Hood Shape 11-1/2" Round
- Opening Control Manual Gear or Motorized
- Installation Option Wall, Soffit, Roof Mounted
- Bracket Size 8 1/2" H x 2 3/8" W x 4 3/4" L
- Standard Pitch Control Bolt Lock System
- Crank Pitch Control N/A
- Drop Down Valance Yes (optional)
- Fabric Option Over 300 acrylic fabric patterns
- Leg Kit Yes (optional)
- Standar Color Frame

White	Brown	Cream
- Custom Color Frame Any (on request)
- Frame Warranty 10 Years



*Durable
 Beautiful
 Elegant
 Dependable*

MADERA GIANT



Beyond the limit

It has been Alutex's distinctive feature to offer year after year the most innovative and challenging solutions for the retractable awning market.

Giant is by its own name the largest lateral arm retractable awning today on the American market and with its 20' of possible projection it will probably remain as such for many years to come.

Designed to address the most demanding market for features beyond the limit, Giant wants to set the new frontier of the retractable shade limits. Although special structural requirements are a must for this outstanding product, its design is able to maintain the same elegance typical of the products made to last.



MADERA GIANT

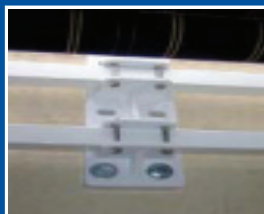


Madera Giant is a double square bar lateral arm extra heavy-duty offering the same versatility of any classical retractable lateral arm awning. With its superior structural strength and projections up to 20' (the largest today on the market), Giant is installed with two brackets per arm (13" high) and an extra center bracket to maintain the alignment of its two back square bars.

Although minor projections (15' and 16') can be installed on regular sidings by using the appropriate installation board, reinforced concrete and/or cinder block siding are highly advised for larger projections.

Thanks to its impressive strength Giant's front clearance can be minimum even with its largest projections (i.e. 2' on 20' projection).

Giant aluminum frame is offered in white powder coated finish, stainless steel hardware and chained elbows. Custom color frames are available upon request.



Product Features

- Width Range 18' to 40' (1/4" increment)
- Projection Range 15', 16', 17', 18', 19', 20'
- Side size w/Hood 13" H x 12" W
- Side size w/out Hood 13" H x 12" W
- Hood Yes (optional)
- Hood Shape 11" Round
- Control Motorized (Gear not advised)
- Installation Option Wall, Roof Mounted
- Bracket Size 13" H x 6" W x 1 1/2"D
- Standard Pitch Control Bolt Lock System
- Crank Pitch Control N/A
- Drop Down Valance Yes (optional)
- Fabric Option Over 300 acrylic fabric patterns
- Leg Kit Yes (optional)
- Standard Color Frame White
- Custom Color Frame Any (on request)
- Frame Warranty 10 Years

CAUTIONARY AND IMPORTANT OPERATING INFORMATION: Retractable Awnings contain strong springs under tension. Retractable awnings are specifically designed to be retracted under inclement weather conditions and be used primarily for sun protection. They are not designed to withstand high winds, heavy rain or snow. During those times, awnings must be fully retracted to prevent damages not covered by warranty.



*Dependable
Durable
Beautiful
Elegant*

CAPE COD



The Power of Beauty

Cape Cod has been designed to satisfy the most sophisticated awning demand for classical lateral arm features and advanced technology combined. Its result is a compact cassette protecting its fabric when totally retracted and a slick glossy and elegant frame extending a few inches from the wall with absolute no need for winter storage.

Available in three standard classy color finish, white, cream, and brown or in any color on demand, Cape Cod dresses perfectly with the selection of any colorful fabric, and offers an elegant discrete design to enhance the beauty of any house.

When fully open, Cape Cod extends its shade to any outdoor area on command and protects you and your family from the direct effects of UV sunrays.



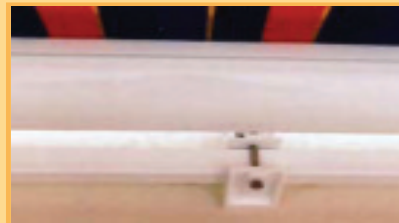
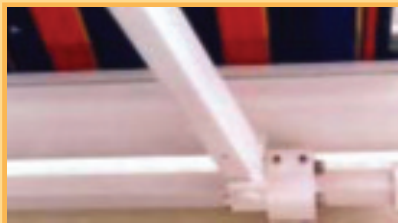


CAPE COD



Cape Cod can be identified among those retractable awnings generally labeled as "cassette awnings". Its main function is to offer extra protection to its fabric when completely retracted and provide extra winter storage during off-season.

In order to avoid discontinuity in its frame, Cape Cod's box element is created like a shell by sealing two halves to each other, a top and a bottom, up to a maximum continuous length of 23', while its 13' maximum arm projection is today the largest available on the market in its retractable awning category.



Product Features

- Width Range 7' to 23' (1/4" increment)
- Projection Range 4'3", 5'4", 6'1", 8'7", 10'2", 12', 13"
- Side dimension w/Hood N/A
- Side dimension 9" H x 9" W
- Hood N/A
- Hood Shape N/A
- Opening Control Manual Gear or Motorized
- Installation Option Wall, Soffit, Roof Mounted
- Bracket Size 5 1/2" H x 2 3/8" W x 4 3/4" L
- Standard Pitch Control Bolt Lock System
- Crank Pitch Control Yes (optional)
- Drop Down Valance Yes (optional)
- Fabric Option Over 300 acrylic patterns
- Leg Kit Yes (optional)
- Standar Color Frame

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
White	Brown	Cream
- Custom Color Frame Any (on request)
- Frame Warranty 10 Years



*Dependable
Durable
Beautiful
Elegant*

ECLIPSE



Light and Elegant

Eclipse is Alutex's answer to affordability without compromising elegance and quality. Designed to provide a class by itself of retractable lateral arm awnings, Eclipse combines the outstanding quality of an Alutex frame with the cheerful colors of hundreds of solution dyed fabrics to enhance the beauty of your home.

Maintenance-free, Eclipse will provide years of reliable satisfaction and protection from UV rays for you and your family.

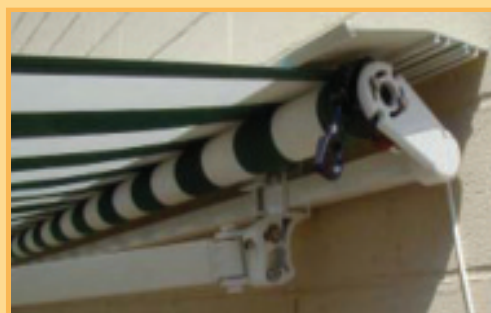
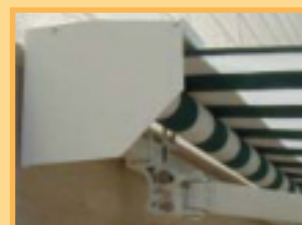
Easy to control, electrically or by the turn of a gear, when fully retracted Eclipse discretely rests within a few inches from the wall eliminating any need for winter storage.



ECLIPSE



Strong, elegant, and yet affordable, Eclipse is built with the highest quality components. The strength of its parts allows to extend its width up to 20', with a maximum projection of 10'. Exclusively produced in a glossy white powder-coated finish, Eclipse blends with any siding or fabric pattern.



Product Features

- Width Range 10' to 19'6" (1/4" increment)
- Projection Range 5'4", 6'11", 8'7", 10'
- Side size w/Hood 10" H x 10" W
- Side size w/out Hood 9" H x 9" W
- Hood Yes (optional)
- Hood Shape 10" Flat double pitched
- Control Manual Gear or Motorized
- Installation Option Wall, Soffit, Roof Mounted
- Bracket Size 5 1/4" H x 2 5/8" W x 4 3/4" L
- Standard Pitch Control Bolt Lock System
- Crank Pitch Control Yes (optional)
- Drop Down Valance Yes (optional)
- Fabric Option Over 300 acrylic fabric patterns
- Leg Kit Yes (optional)
- Standar Color Frame White
- Custom Color Frame Any (on request)
- Frame Warranty 10 Years



*Dependable
Durable
Beautiful
Elegant*

CAPRI



Style with charm and privacy

Elegant and streamlined, Capri is a classic awning designed to bring style to your windows with discretion and simplicity. Its slim lines are essential, but still sufficient to assure the incredible strength of its structure, strong enough to allow up to 20' widths.

Ideal to protect immediate indoor areas from overheating and UV rays, Capri can operate either manually or electrically and is offered in white, brown or gray powder coated finished aluminum. Outfit your Capri in one of hundreds of brilliant color fabrics.



CAPRI







With its simple elegance, Capri has been designed to meet your maximum expectation for sun protection at an affordable price. Created to dress small or large windows, this drop arm retractable awning is easy to install and operate, and it is the modern response to rectangular stationary awnings.

When completely rolled up, Capri can rest discretely above your window. When rolled out, its spring-loaded arms conveniently reach any desired position in a matter of seconds, making this retractable awning the ideal response high noon or low afternoon sun. If provided with extra fabric, Capri can also be lowered 180 degrees for total window privacy.



Product Features

- Width Range 4' to 20' (1/4" increment)
- Projection Range 2'8" to 5'3"
- Side size w/Hood 5 1/4" H x 8" W
- Side size w/out Hood 4 1/4" H x 4 1/2" W
- Hood Option Round
- Hood Shape Round
- Control Gear or Motorized
- Installation Option Wall, Soffit
- Bracket Size 4 1/4" H x 2" W x 4 3/4" L
- Pitch Control 0 to 180 degrees fully dropped
- Fabric Option Over 300 acrylic patterns
- Standard Frame Colors:

 White	 Cream	 Gray	 Brown
--	--	---	--
- Custom Frame Color Any option on request
- Frame Warranty 10 Years



*Dependable
Durable
Beautiful
Elegant*

Grace of style

Riviera is a graceful solution of style that complements the outside of your windows while enhancing the value of your home.

Designed to provide elegance with simplicity, Riviera offers the European flavor of a Mediterranean cheerful touch.

Dressed with the beauty of hundreds of vivid colors, Riviera extends or retracts, reducing its storage space to a few inches around the window.

RIVIERA





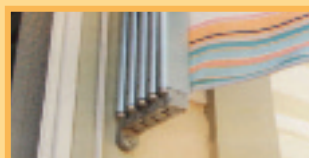
RIVIERA



Anodized aluminum components



Convenient easy installation



Riviera is a retractable canopy designed to provide a maintenance free solution while offering the best possible resistance to weather conditions.

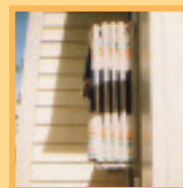
Its aluminum frame totally made of extra light anodized components can project up to five feet out and twenty feet across, while offering a Mediterranean flavor for shade to the design of your windows.



Hundreds of fabrics and colors to dress your home



Retracts a few inches...



...from the wall

All Retractable Awnings Come With A 10 Year Manufacturer Warranty And Ship Within 10 Business Days

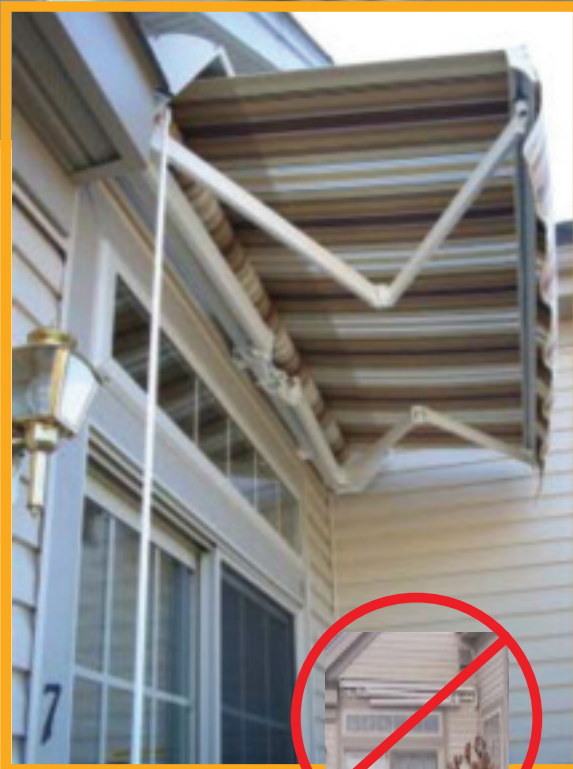
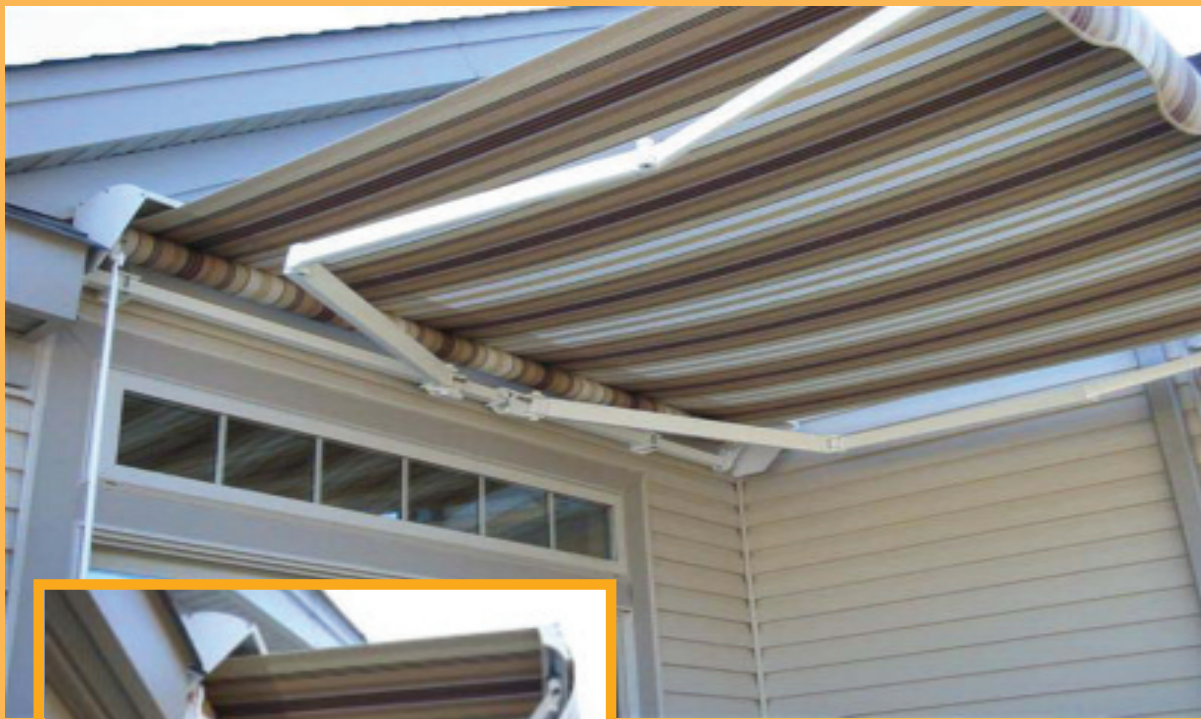
Four or five ribs available





Dependable
 Durable
 Beautiful
 Elegant

TRIO



Ingenuity at Work

Designed for special applications where the projection of a regular lateral arm is limited by the available width, this Alutex exclusive retractable awning can extend beyond those limits by reaching up to 13' in projection in as little as 8' of width. This without compromising its elegant design.

Particularly useful in condominiums and narrow patio applications, Trio can be installed like any classical retractable lateral arm awning. No more need for eye soar overlapping arms. Its special design allows to virtually retracting its arms within the same space necessary to a regular lateral arm awning.



TRIO



When closed, it takes the same space of a regular lateral arm



First section opens first



First section fully extends



Second section starts opening

Product Features

- Width Range 8' to 14' (1/4" increment)
- Projection Range 8'7", 10', 12', 13'
- Side size w/Hood 10" H x 10" W
- Side size w/out Hood 9" H x 9" W
- Hood Yes (optional)
- Hood Shape 10" Flat double pitched
- Control Manual Gear or Motorized
- Installation Option Wall, Soffit, Roof Mounted
- Bracket Size 8- 1/2" H x 2 -3/8" W x 4 -3/4" L
- Standard Pitch Control Bolt Lock System
- Crank Pitch Control N/A
- Drop Down Valance N/A
- Fabric Option Over 300 acrylic fabric patterns
- Leg Kit Yes (optional)
- Standar Color Frame White
- Custom Color Frame Any (on request)
- Frame Warranty 10 Years



Second section fully extends



Larger projection is reached also when width is limited.



MALAGA

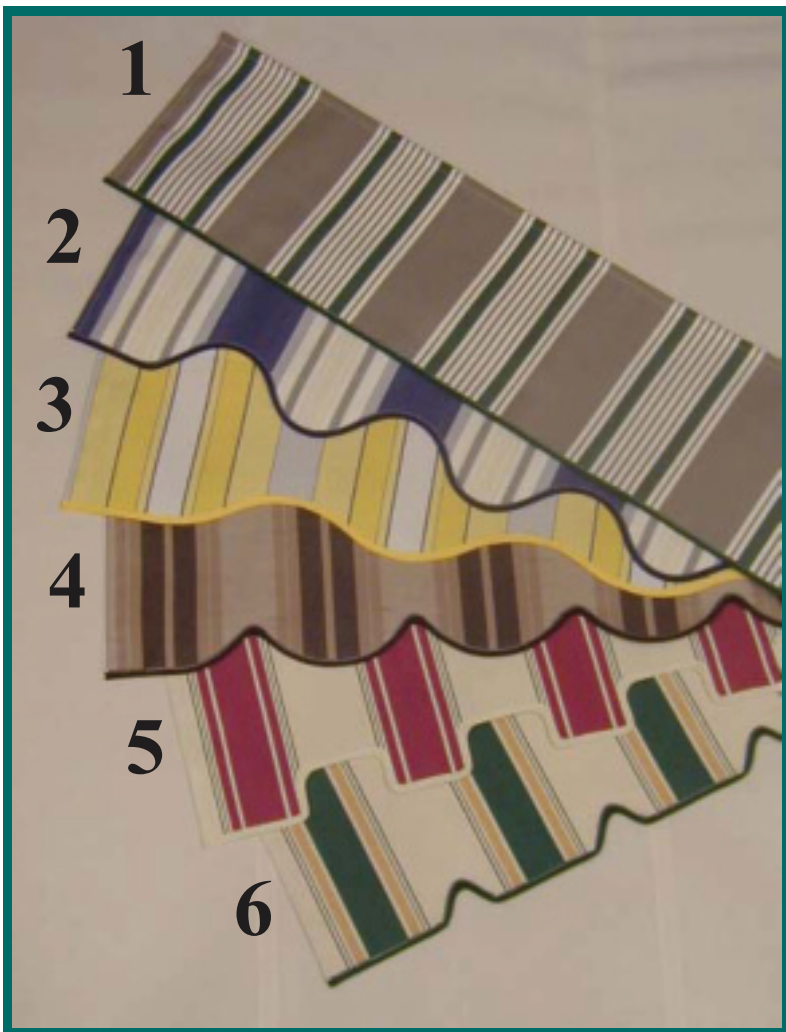
Malaga is a retractable patio awning capable of offering up to 20 feet of extension. Designed with elegant lines and graceful curves its strength does not compromise its elegance.

Manual or motorized, Malaga is the perfect solution to provide a summer extension to your house, while offering the same protection of a stationary awning—without the inconvenience of winter storage.



Ideal to cover large areas, Malaga is entirely white powder coated to assure maximum resistance to weather conditions, while its self adjustable corners assure the simplicity of its installation.

An optional locking device along its up-rights has been designed to provide the necessary tension to its fabric, thus eliminating any water accumulation in case of rain.



All Manart-Hirsch retractable awnings are supplied with the finest acrylic fabric specifically designed for its excellent dimensional stability and exceptional resistance against fading and mildew. Please inquire for the wide variety of colorful solutions available to better address your awning needs.



Valance Styles

- 1. Straight
- 2. High Scallops
- 3. Low Scallops
- 4. Wave
- 5. Greek
- 6. Russian Key



All Manart retractable awnings may come with a manual crank or with the extra convenience offered by the best electrical control at the touch of a button.



Somfy's Electrical motors are fully self contained within the roller tube of your awning, for a clean, concealed installation that blends right into the lines of your home. And they're sealed too, so they require no maintenance at all for years of trouble-free service.



Your retractable awning is simple to use with the Somfy RT1 wireless wall switch. Using Somfy's wireless technology, you can program this switch to control your awning from inside without the hassel of having to run any wires directly from the awning.



The Somfy sun and wind sensor gives you the security and complete climate control for the ultimate in awning protection. As soon as the sun comes out, so does the awning, to protect your home from scorching sunlight. When a storm threatens, in comes the awning safe from the damaging effects of wind or rain.



The Somfy hand held remote control lets you operate your motorized retractable awning from your deck... or from your pool side. Carry your push-button switch with you and control your awning just as you please where-ever you wish.



SUNBRELLA AWNING STRIPES

AVAILABLE IN 46" ONLY
 BY GLEN RAVEN MILLS



**FADE RESISTANT - WATER REPELLENT - MILDEW & ROT RESISTANT
 BREATHABLE - SUPERIOR FABRICATION - 10 YEAR WARRANTY**

4751	Hemlock Tweed Fancy	4907	Taupe- 5 Bar
4755	Pacific Blue Fancy	4909	Plum Fancy
4765	Ombre-dark Brown/Salmon/Beige	4911	Moss Classic
4773	Bisque Brown	4914	Forest Green
4774	Ginza/Onyx	4916	Navy/Taupe Fancy
4775	Ginza/Java	4918	Salmon/Canvas Navy
4776	Chocolate Chip Fancy	4921	Mediterranean/Canvas Block Stripe
4777	Grey/Beige Chip Fancy	4923	Black Forest Fancy
4778	Essex/Curry	4932	Forest/Beige/Natural/Sage Fancy
4789	Manhattan/Classic	4936	Sand Graduated Stripe
4790	Forest Green Fancy	4939	Brass/Black Cherry Stripe
4796	Beige/White	4945	Taupe Tailored Bar Stripe
4798	Burgundy/Black/white	4946	Black/taupe Fancy
4799	Grey/Black/White	4948	Sapphire Vintage Bar Stripe
4806	Forest Green/Natural	4949	Forest Vintage Bar Stripe
4813	Eastland Redwood	4951	Mahogany/Brass Vintage Stripe
4816	Westfield/Salsa	4954	Heather Beige Classic
4817	Westfield Mushroom	4955	Fern Classic
4850	Coastal/Brick	4956	Heather Beige-6 Bar
4855	Colonade/Redwood	4959	Fern/Heather Beige Block Stripe
4856	Colonade/Juniper	4961	Putty Regimental
4857	Colonade/Redwood	4967	Spice/Brass Multi
4858	Silica/Barley	4968	Spa/Wheat Multi
4859	Silica/Dune	4969	Henna/Fern Multi
4860	Silica/Sesame	4972	Lankford/Woodland
4861	Silica/Stone	4974	Hartwell/Lagoon
4862	Silica/Silver	4975	Gaston Seaglass
4865	Shafford Classic	4980	Carlton Plantain
4866	Shafford Ginger	4985	Havelock Brick
4867	Shafford Linden	4986	Havelock Juniper
4868	Kiwah Spa	4987	Cooper Navy
4869	Parade Oak	4988	Cooper Black
4870	Parade Olive	4989	Hatteras Raven
4871	Parade Pottery	4991	Manteo Cardinal
4872	Parade Seagull	4992	Baycrest Sky
4873	Parade Nautical	4993	Baycrest Pacific
4874	Freemont Mariner	4994	Eastridge Cocoa
4875	Freemont Iris	4995	Ashford Forest
4876	Manhattan Fog	5702	Yellow/White Stripe
4877	Rumba Cactus	5704	Black/White Stripe
4878	Rodanthe Sunrise		
4879	Rodanthe Metallic		
4901	Captain Navy/Forest/Yellow/Red Regimental		
4902	Captain Navy/Natural		

All Awning Stripes Are Available In 46" Width Only

13/16" Sunbrella Awning Braid is available for most Sunbrella Colors.



SHOWTIME THEME PARK AND EVENT TENTS

Showtime II is a high performance tent and structure fabric consisting of 17 popular translucent colors. Showtime II is flame retardant and well suited for either sewing or heat sealing. Showtime II is also available in blackout in 4 colors. 61" wide.

Put-up: 50 Yards per roll

Colors Available

61" 14 Oz. Showtime II Event Tent Fabric

- | | | |
|--------------------|--------------------|----------------|
| ST61MA- Magenta | ST61PI- Pink | ST61TU- Turq. |
| ST61WHT- White | ST61FG- Forest | ST61OR-Orange |
| ST61WH- Wheat | ST61KG- Kelly Grn. | ST61BLK- Black |
| ST61RB- Royal Blue | ST61BR- Bright Red | ST61BL- Blue |
| ST61YE- Yellow | ST61LG- Lime Grn. | |

61" 16 Oz. Showtime S83 Blackout

- | | |
|----------------------|--------------------|
| ST61BRE- Red | ST61BDB- Dark Blue |
| ST61BFG- Forest Grn. | ST61BWH- White |



SUNBRELLA AWNING BRAID 13/16"

Our 13/16" Sunbrella awning braid is of course 100% solution dyed for excellent color retention and resistance to the deteriorating effects of the sunlight and weather. Our braid makes binding valances and sharp cut outs simple.

Available to match most Sunbrella colors.

- | | | | |
|------------------------|---------------------------|------------------------|------------------------|
| AB00 Erin Green | AB01 Pacific Blue | AB02 Yellow | AB03 Red |
| AB04 White | AB08 Black | AB09 Orange | AB10 Turq. |
| AB20 Beige | AB21 Brown | AB22 Terra Cot. | AB23 Aqua. |
| AB26 Navy | AB28 Toast | AB30 Cad.Gray | AB31 Burg. |
| AB33 Linen | AB37 For.Green | AB41 Saph.Bl | AB43 Pers.Green |
| AB44 Charc.Gray | AB45 Seagrass Grn | AB46 Capt.Navy | AB48 Taupe |
| AB52 Med.Blue | AB58 Brass | AB65 Concord | AB66 Logo Red |
| AB67 Mohogany | AB72 Heather Beige | AB74 Wheat | |

Put-Up: 100 Yards per roll

Above colors are stock colors. Most other sunbrella colors are available promptly on special order.





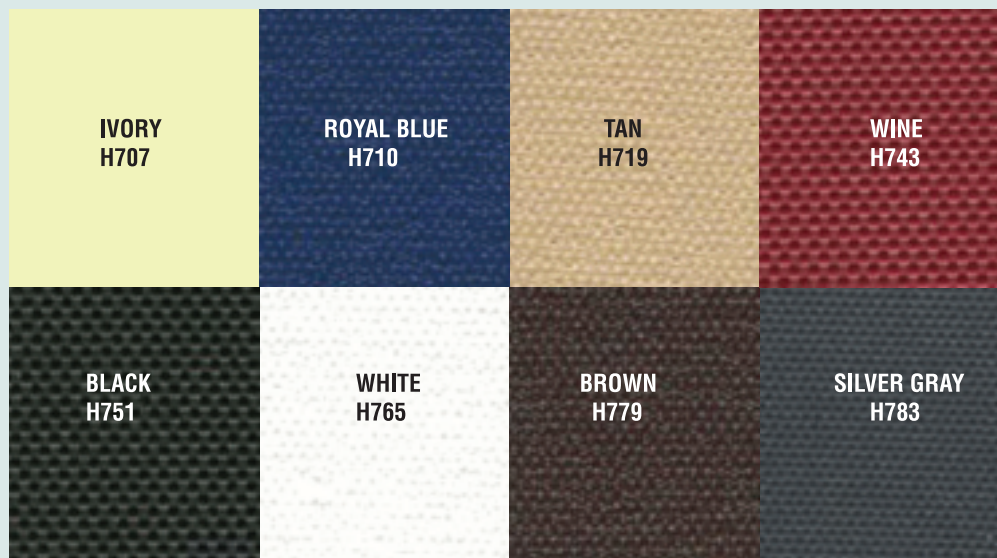
HOLIDAY

Flame Retardant Awning Fabric *100% Polyester-62" Width*

Holiday is a high performance 100% polyester woven awning fabric. Being acrylic coated and having a weight of 13 oz. per square yard, Holiday has exceptionally high strength and stamina to endure sun, rain, tension, wind stress and snow loads year after year. Holiday is water repellent, mildew and ultra-violet resistant. Dimensionally stable, the maximum shrinkage or stretch is less than 1%. Holiday is offered in a rainbow of brilliant, fade resistant, long lasting colors. It's dry no-tack acrylic finish resists dirt and dust and helps to stay clean longer. To maintain a bright, sharp appearance, periodically clean with soap and water using a soft brush followed by a thorough rinse. Do not use detergent, or highly alkaline abrasive cleaning products which will destroy the water repellency and deteriorate the coating. Holiday can be silk screened using a good quality acrylic ink. Heat sealing of seams can be done using a 3 mil. Bemis (or equal) sealing tape with a 350 degree (F) heat for 25 seconds at 90 Lbs. pressure.

FLAME RETARDANT- Conforms to requirement of: California State Fire Marshall, NFPA-701 & CPAI-84.
 5 year warranty. Certificate of Flame accordance available upon purchase.

Put-up: 45 Yds. Per Roll

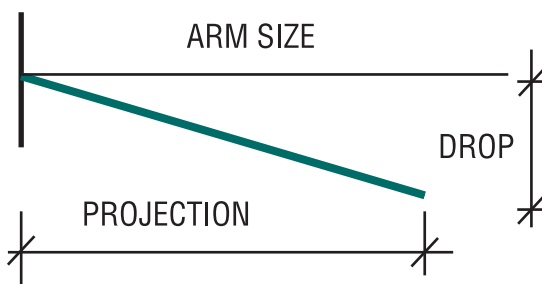




FABRIC SPECIFICATIONS

FABRIC	BASE FABRIC	WIDTH	OZ. SQ/YD	COATING	YD/ROLL
Architent	Polyester	60"	16	Vinyl Laminated	50
Bayliner/burbank	75/25 Poly/cotton	60"	15.3	Vinyl Coated	60
Fastone	100% Cotton	60"	10	Flourocarbon	50
Fiberglass Screening	Fiberglass	48" or 72"		Vinyl Coated	33
Herculite 80	Polyester	60"	18	Vinyl Laminate	50
Herculite 90	Polyester	60"	17.5	Vinyl Laminate	50
Mermaid Cover Cloth	Polyester	54"	6.5	Silicone Water Rep.	100
Mermaid Heavy Cloth	Polyester	54"	8.25	Silicone Water Rep.	100
Mustang	Polyester	62"	9	Clear Acrylic	50
Odyssey	Polyester	64"	6.5	Clear Acrylic	75
Phifertex	Polyester	54"	11	Vinyl Coated	60
Phifertex Plus	Polyester	54"	16	Vinyl Coated	60
PVC18	Polyester	61"	18	Vinyl Coated	50
Rayntyte	65/35 Poly/Cotton	60"	10	Flourocarbon	50
Riviera Marine	Polyester	61"	12.5	Vinyl Laminate	50
Seamark	100% Acrylic	60"	16	Vinyl Coated	50
SeaQuest	Vinyl	54"	32	Coated	40
Showtime II	Polyester	60"	16	Vinyl Laminate	50
Soft Touch	Polyester	60"	11	Poly/Laminate	50
Soltis 86	Polyester	70"	11.17	Vinyl Coated	54
Sport Topping	75/25 Poly-Cotton	60"	16	Vinyl Coated	50
Sunbrella 46"	Woven Acrylic	46"	9.25	Flourocarbon	60
Sunbrella 60"	Woven Acrylic	60"	9.25	Flourocarbon	60
Sunbrella 80"	Woven Acrylic	80"	9.25	Flourocarbon	50
Sunbrella Firesist		60"	8.75	Acrylic Coating	60
Sunbrella Plus	Woven Acrylic	60"		Flourocarbon	60
Sunbrella View	Woven Acrylic	60"	9.25	Flourocarbon	60
Sunbrella Supreme	100% Acrylic	60"	13	Flourocarbon	50
Stamoid Top	Polyester	59"	12.07	Vinyl Coated	54.7
Stamoid Top	Polyester	80"	12.07	Vinyl Coated	32.81
Stamoid Light	Polyester	59"	8.30	Vinyl Coated	54.7
Stamoid Light	Polyester	80"	8.30	Vinyl Coated	32.81
Stamoid Open	Polyester	102"	19	Vinyl Coated	32.81
Sunforger	100% Cotton	36"	10 or 13	Mineral Dyed	50
Tonneau	Polyester	78"		Vinyl Coated	50
Top Gun	Polyester	62"	11	Acrylic Coated	50
Top Notch	Polyester	60"	11.5	Flourocarbon	50
Weblon Regatta	Polyester	62"	13	Vinyl Laminate	50
420 Denier Pack Cloth	Nylon	60"	8	Urethane	70
8500	75/25 Poly-Cotton	60"	16	Vinyl Coated	50

LATERAL ARMS WALL & GROUND MEASUREMENTS



	4'3"	5'4"	6'11"	8'7"	10'2"	12'	13'
Projections	4'1"	5'2"	6'9"	8'5"	10'	11'6"	12'
Drop	9"	11"	13"	15"	18"	24"	36"



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