

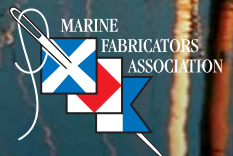
2011 MARINE FABRIC SPECIFIER'S GUIDE

Utilize the Specifier's Guide to help you choose the right fabric for the right project—every time.

This fabric data guide is an informative tool used by marine fabricators in the critical area of fabric specification. The guide lists a variety of marine fabrics alphabetically by fabric trade name. Each fabric is detailed according to its construction: its base material, finish, weight, width, colors and standard roll size. You'll find information about durability and stretch. If additional technical support material is available for the fabric, the data chart provides it.

NOTE: Information provided in the 2011 MFA Marine Specifier's Guide was compiled by the Marine Fabricators Association (MFA). The specifications in the guide were submitted by members and advertisers, and their accuracy is the responsibility of these companies. The appearance of a listing is not an endorsement of a company or of a product by MFA or *Marine Fabricator* magazine. MFA encourages readers to contact the companies directly for more information on the products.

For more information, contact: Marine Fabricators Association
1801 County Rd. B West, Roseville, MN 55113
+1 651 225 6952; 800 209 1810; blhungiville@ifai.com.



FABRIC DATA

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME	TRADEMARK HOLDER	BASE FABRIC	FINISH TYPE OF COATING	STANDARD PUT UP (yds/per roll)	FINISHED WIDTH(S)	FINISHED WEIGHT (oz/lyd ²)	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)	UV RESISTANT (hrs)
Aqualon®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Two-ply Polyester Duck	Vinyl Resin, Top	65 yds	60"	9 oz (ASTM D3776, Method C)	27	No	Yes	5+ yrs	5 yrs	800 hrs (AATCC 169-88,95)
Atlantis Marine Top	Bruin Plastics Co. Inc.	Polyester	PVC Vinyl	60 yds	54"	16 oz (ASTM D3776, Method C)	Off White/Denim, Off White/Grey	No	No	3 yrs	NA	600 hrs (FED STD 191A-5804)
Atlantis Marine Underlining	Bruin Plastics Co. Inc.	Polyester/Cotton	PVC Vinyl	75 yds	54"	9 oz (ASTM D3776, Method C)	Black, White, Grey	No	No	NA	NA	NA
Coastguard®	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent	60 yds	60"	9 oz (ASTM D3776, Method C)	25	No	Yes	8+ yrs	8 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Cover Pac	Graniteville Specialty Fabrics	Polyester	Acrylic	200 - 500 yds	60"	3.25 oz	NA	Yes	No	1-2 yrs	No	600 hrs, QUV
Docril	Citel	Solution Dyed Acrylic	Teflon	64 yds	47", 60"	8.55 oz/lyd (ISO 2286-2)	60	NA	NA	5 yrs	5 yrs	7-8 (ISO 905-B04)
Duracord	Trident Industrial Products Corp.	Polyester	Dyed-water Repellent, Urethane	60 yds	60"	11 oz (ASTM D3776, Method C)	Assorted	Yes	No	4 yrs	3 yrs	NA
Ferrari® 392 Mesh	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	54 yds	71"	26 oz/lyd ²	White	Mesh	Mesh	10+ yrs	NA	NA
Ferrari® 492 Mesh	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	54 yds	71"	29.4 oz/lyd ²	White	Mesh	Mesh	10+ yrs	NA	NA
Ferrari Soltis® 92	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	54 yds	69.69"; limited 106"	12.4 oz/lyd ²	30	Yes	No	10 yrs (+/-)	2 yrs	NA
Ferrari Soltis® 93	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	43.74 yds	105", 2.67m	12.4 oz/lyd ²	14	Yes	No	10 yrs (+/-)	2 yrs	NA
Ferrari Soltis® 99	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® a:PVC b:Metallic	43.75, 54.68 yds	69.7", 105.1"	8.5 oz/lyd ²	17	Yes	NA	10 yrs (+/-)	2 yrs	NA
Ferrari-Stamoid SK 2000 Light	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Silicone/ Nanotop™	32.81 yds	72"	6.8 oz (EN ISO 2286-2)	5	Yes	No	10 yrs (+/-)	7 yrs	< 3 UVA 340/2000 hrs (QUV test T30-036)
Ferrari-Stamoid SK 3000 Cover	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Silicone/ Nanotop™	32.81 yds	72"	13.3 oz (EN ISO 2286-2)	5	NA	NA	10 yrs (+/-)	7 yrs	< 3 UVA 340/2000 hrs (QUV test T30-036)
Ferrari-Stamoid SK 5000 Open	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Silicone/Vinyl	32.81 yds	72"	19.3 oz (EN ISO 2286-2)	5	NA	NA	10 yrs (+/-)	7 yrs	> 3 UVA 340/2000 hrs (QUV test T30-036)
Ferrari-Stamoid SK 5000 Two-Tone	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Silicone/Vinyl	32.81 yds	72"	19.3 oz (EN ISO 2286-2)	Navy/white, White/light blue	NA	NA	10 yrs (+/-)	7 yrs	> 3 UVA 340/2000 hrs (QUV test T30-036)
Fleetboat	Bainbridge International Inc.	Dacron Polyester	Silicon	100 yds	54"	5.8 oz (ASTM D3776, Method C)	White	Yes	No	3-5 yrs	No	NA

DURABILITY						HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) ²	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED NSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
80+ cm (AATCC 127-85, 95)	No	24 x 20 lb/in (ASTM D2261-7.01, 83)	420 x 330 lb/in (ASTM D5034-95)	NA	6,600 cycles (ASTM D3881)	<2% x <2%	1-2% x 1-2% (ASTM D2594-72)	Yes, Vinyl	No	No	No	Yes, with tape	No	Yes
220 psi (ASTM D5512)	NA	23 x 23 lb/in (ASTM D5134)	115 x 115 lb/in	NA	NA	NA	NA	No	No	Yes	Yes	No	No	Yes
NA	Non FR	6 +/- 2 x 6 +/- 2 lb/in (ASTM D5134)	90 +/- 10 x 80 +/- 10 lb/in (ASTM 5100)	NA	NA	NA	NA	NA	NA	NA	NA	NA	No	Yes
40 cm (AATCC 127-1998)	Cal TB117 CS 191-53 Class 1	12 x 8 lb/in (ASTM D2261-7.01, 83)	285 x 170 lb/in (ASTM D5034-95)	1500+ (g/24h.sqm)	40,000 cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
30 cm (AATCC 127-85, 95)	No	9 x 12 lb/in (AATCC 127-85, 95)	165 x 130 lb/in (ASTM D5034-95)	No	NA	<2% x <2%	1-2% x 1-2%	Yes, Acrylic	No	No	No	No	No	Yes
11.8 in (ISO 811)	NA	11.2 x 6.7 lb/in (ISO 9674-9)	281 x 157.3 lb/in (ISO 23934-9)	NA	NA	NA	30% x 20% (ISO 13936-9)	NA	NA	NA	NA	NA	NA	NA
NA	No	NA	NA	No	NA	No	No	Yes	Yes	No	No	No	No	No
NA	NFPA 701; Treated CSFM T-19	134 x 134 lb/in (DIN 53.363)	674 x 674 lb/in (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	Yes
NA	NFPA 701; CSFM T-19	224 x 123 lb/in (DIN 53.363)	889 x 562 lb/in (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	Yes
NA	Inherent (ASTM E84, NFPA 701)	89 x 44 lb/5cm (DIN 53.363)	682 x 462 lb/5cm (EN ISO 1421)	Yes	NA	<0.50%	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
NA	Inherent (ASTM E84, NFPA 701)	88 x 66 lb/5cm (DIN 53.363)	668 x 528 lb/5cm (EN ISO 1421)	Yes	NA	<0.50%	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
NA	Inherent (ASTM E84, NFPA 701)	24 x 29 lb/5cm (DIN 53.363)	352 x 374 lb/5cm (EN ISO 1421)	Yes	NA	>0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	45 x 45 lb (DIN 53.363)	337 x 314 lb/5cm (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes
Waterproof	NA	157 x 146 lb (DIN 53.363)	787 x 697 lb/5cm (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes
Waterproof	NA	112 x 112 lb (DIN 53.363)	787 x 697 lb/5cm (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes
Waterproof	NA	112 x 112 lb (DIN 53.363)	787 x 697 lb/5cm (EN ISO 1421)	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes
24 cm (AATCC 127-85, 95)	NA	8 x 7 lb/in (ASTM D2261-7.01, 83)	130 x 80 lb/in (ASTM D5034-95)	NA	NA	NA	2% x 2% (ASTM D2594-72)	No	No	No	Yes	No	No	No

FABRIC DATA

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME	TRADEMARK HOLDER	BASE FABRIC	FINISH TYPE OF COATING	STANDARD PUT UP (yds/per roll)	FINISHED WIDTH(S)	FINISHED WEIGHT (oz/yd ²)	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)	UV RESISTANT (hrs)
Harbor-Time®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Acrylic	50 yds	62"	11 oz (ASTM D3776, Method C)	13	Varies with color	Yes	5+ yrs	5 yrs (limited)	1,000 hrs (SAE J1960, Xenon Weatherometer)
Herculite Riviera Marine Fabric	Herculite Products Inc	Polyester	PVC, Acrylic Top	50 yds	62"	12.5 oz (ASTM D3776)	Snow White, White, Ivory	Yes	No	5+ yrs	5 yrs	NA
Holiday	Marchem CFI	Polyester	Acrylic	45 yds	62"	13 oz (ASTM D3776, Method C)	9	No	Yes	5+ yrs	5 yrs	1,500 hrs (SAE J1960)
Marine One	Bondcote Corp.	Polyester	Vinyl	60 yds	60"	9.25 oz/yd ² (ASTM D3776, Method C)	15	No	Yes	5+ yrs	5 yrs (limited)	1000 hrs (ASTM G-26)
Marine One MV13	Bondcote Corp.	Polyester	Vinyl	50 yds	60"	13 oz/yd ² (ASTM D3776, Method C)	White, Ivory, Cream, Black	Yes	No	10 yrs	5 yrs (limited)	1000 hrs (ASTM G-26)
Marine One MV19	Bondcote Corp.	Polyester	Vinyl	50 yds	60"	19 oz/yd ² (ASTM D3776, Method C)	White, Ivory, Cream, Black	Yes	No	10 yrs	5 yrs (limited)	1000 hrs (ASTM G-26)
Marine One MV8	Bondcote Corp.	Polyester	Vinyl	50 yds	60"	8.00 oz/yd ² (ASTM D3776, Method C)	White, Ivory, Cream, Black	Yes	No	5+ yrs	5 yrs (limited)	1000 hrs (ASTM G-26)
Mermaid Boat Cover	Trident Industrial Products Corp.	Polyester	Acrylic	60 yds	60"	10 oz (ASTM D3776, Method C)	Assorted	No	Yes	3 yrs	3 yrs	Yes
Mustang	Marchem CFI	Polyester	Acrylic	50 yds	62"	9 oz (ASTM D3776, Method C)	20	No	Yes	5-10 yrs	4 yrs	1,500 hrs (SAE J1960)
Nautica Light	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered embossed	32 yds, 65 yds	59", 86.5"	8.2 oz (ASTM D3776, Method C)	7	Yes	No	5 yrs	5 yrs	NA
Nautica Mainstream	Valmex (distributed by Mehler Technologies)	Polyester	PVC, lacquered & embossed	32 yds, 65 yds	59", 86.5"	12.7 oz (ASTM D3776, Method C)	7	Yes	No	5 yrs	5 yrs	NA
Nautica Mainstream Heavy	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered & embossed	65 yds	80"	12.4 oz (ASTM D3776, Method C)	5	Yes	No	5 yrs	5 yrs	NA
Nautica Mainstream Plus	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered & linen embossed	65 yds	84.5"	11.8 oz (ASTM D3776, Method C)	Blue, Gray	Yes	No	5 yrs	5 yrs	NA
Nautimar®	S.A. Recasens	Polyester, A.T. 280 dtex	PVC coated, embossed on one side	65.64 yds	86"	8.84 oz (ASTM D3776, Method C)	8	Yes	Yes	5 yrs	5 yrs (limited)	NA
NautiPlus®	S.A. Recasens	Polyester, A.T. 280 dtex	PVC coated, embossed on both sides	65.64 yds	86"	12.68 oz (ASTM D3776, Method C)	Snow White, White	Yes	Yes	5 yrs	5 yrs (limited)	NA
Odyssey III	Marchem CFI	Polyester	Acrylic	75 yds	64"	6.5 oz (ASTM D3776, Method C)	18	No	Yes	3-5 yrs	3 yrs	900 hrs (SAE J1960)
Outdura Trio®	Outdura Corp.	Solution Dyed Acrylic	DWR	55-60 yds	60"	12.5 oz (ASTM D3776, Method C)	11	No	Yes	6+ yrs	6 yrs	1,500 hrs (AATCC 169) & 2,200 hrs (SAE J1960)

DURABILITY						HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) ²	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED NSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
25 in (AATCC 127-85, 95) (minimum)	No	30 x 25 lb/in (ASTM D2261-7.01, 83)	250 x 200 lb/in (ASTM D5034-95)	No	NA	<1% x <1%	<1% x <1%	No	No	No	No	No	No	Yes
NA	NA	11.4 x 11.7 lb/in (ASTM D-2261)	248 x 221 lb/in (ASTM D-5034-95)	NA	NA	NA	NA	No	No	No	No	No	Yes	Yes
83.8 cm (AATCC 127-85, 95)	Yes	25 x 18 lb/in (ASTM D2261-7.01, 83)	498 x 380 lb/in (ASTM D5034-95)	92 gm/m (ASTM E96, Procedure B)	NA	0% x <1% (MCFI Test Method)	0% x 0% (ASTM D2594-72)	Yes	Yes	Yes	Yes	Yes	No	Yes
80+ cm (AATCC 127)	Yes (MVSS 302)	30 x 35 lb/in (ASTM D2261)	470 x 380 lbs (ASTM D5034-95)	No	12,000+ cycles (ASTM D3994-92)	<2% x <2% (ASTM D-1204-02)	1-2% x 1-2% (SAE J855)	Yes	No	No	No	No	No	Yes
100+ cm (AATCC 127)	No	65 x 45 lb/in (ASTM D2261)	390 x 325 lb/in (ASTM D5034-95)	No	12,000+ cycles (ASTM D3994-92)	<2% x <2% (ASTM D-1204-02)	1-2% x 1-2% (SAE J855)	Yes	No	No	No	Yes	No	Yes
100+ cm (AATCC 127)	No	95 x 75 lb/in (ASTM D2261)	410 x 435 lb/in (ASTM D5034-95)	No	15,000+ cycles (ASTM D3994-92)	<2% x <2% (ASTM D-1204-02)	1-2% x 1-2% (SAE J855)	Yes	No	No	No	Yes	No	Yes
100+ cm (AATCC 127)	No	65 x 45 lb/in (ASTM D2261)	390 x 325 lbs (ASTM D5034-95)	No	8,000+ cycles (ASTM D3994-92)	<2% x <2% (ASTM D-1204-02)	1-2% x 1-2% (SAE J855)	Yes	No	No	No	Yes	No	Yes
Yes	No	NA	NA	No	NA	No	No	Yes	No	No	No	No	No	No
71 cm (AATCC 127-85, 95)	No	30 x 29 lb/in (ASTM D2261-7.01, 83)	360 x 250 lb/in (ASTM D5034-95)	100 gm/m/24hrs (ASTM 3884)	NA	0% x 0% (MCFI Test Method)	0% x <1% (ASTM D2594-72)	Yes	Yes	Yes	Yes	Yes	No	Yes
1.5 psi (AATCC 127-85)	NA	20 x 20 lb/in (ASTM D751)	140 x 130 lb/in (ASTM D 751-B)	NA	NA	NA	NA	No	No	No	No	No	No	Yes
1.5 psi (AATCC 127-85)	NA	15 x 15 lb/in (ASTM D751)	150 x 130 lb/in (ASTM D 751-B)	NA	NA	NA	NA	No	No	No	No	No	No	Yes
1.5 psi (AATCC 127-85)	NA	60 x 60 lb/in (ASTM D751)	250 x 230 lb/in (ASTM D 751-B)	NA	NA	NA	NA	No	No	No	No	No	No	Yes
1.5 psi (AATCC 127-85)	NA	30 x 30 lb/in (ASTM D751)	220 x 200 lb/in (ASTM D 751-B)	NA	NA	NA	NA	No	No	No	No	No	No	Yes
Waterproof	NA	22.48 x 17.98 lb/in (ASTM D2261)	292.25 x 258.53 lb/in (ASTM D5034-95))	No	NA	> .05%	NA	Yes	Yes	Yes	Yes	Yes	No	Yes
Waterproof	NA	292.25 x 292.25 lb/in (ASTM D2261)	11.24 x 11.24 lb/in (ASTM D5034-95))	No	NA	> .05%	NA	Yes	Yes	Yes	Yes	Yes	No	Yes
51 cm (AATCC 127-85, 95)	No	22 x 20 lb/in (ASTM D2261-7.01, 83)	297 x 220 lb/in (ASTM D5034-95)	90 gm/m (ASTM E96, Procedure B)	NA	0% x <1% (MCFI Test Method)	0% x <1.00% (ASTM D2594-72)	No	Yes	Yes	No	No	No	Yes
>1000 cm (AATCC 127-85, 95)	Class A Flammable	16.1 x 14.6 lb/in (ASTM D2261-7.01, 83)	350 x 160 lb/in (ASTM D5034-95)	250 gm/m (ASTM E96, Procedure B)	60,000 cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	No	Yes

FABRIC DATA

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME	TRADEMARK HOLDER	BASE FABRIC	FINISH TYPE OF COATING	STANDARD PUT UP (yds/per roll)	FINISHED WIDTH(S)	FINISHED WEIGHT (oz/yd ²)	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)	UV RESISTANT (hrs)
Outdura®	Outdura Corp.	Solution Dyed Acrylic	Fluorocarbon, Resins	55-60 yds	60"	9.25 oz (ASTM D3776, Method C)	45	Yes	Yes	6+ yrs	6 yrs	1,500 hrs (AATCC 169) & 2,200 hrs (SAE J1960)
Powerduck	J. Ennis Fabrics Ltd.	65 % polyester, 35% cotton	NA	75 yds	45"	10.5 oz (ASTM D3776, Method C)	999 grey	No	No	NA	NA	NA
Quality 341 Seamaster	Sattler/Nautex	Solution Dyed Acrylic	Water Repellent/TEXGARD	65 yds	59"	8.85 oz (DIN EN 12127)	12	NA	NA	5 yrs	5 yrs	Grade Min 7 (DIN EN 180 105-BO2)
Quality 344 Yachtmaster Premium	Sattler/Nautex	Solution Dyed Acrylic	Waterproof	65 yds	59"	10.03 oz (DIN EN 12127)	12	NA	NA	5 yrs	5 yrs	Grade Min 7 (DIN EN 180 105-BO2)
Quality 354 Yachtmaster Premium	Sattler/Nautex	Solution Dyed Acrylic	Waterproof	65 yds	59"	10.03 oz (DIN EN 12127)	12	NA	NA	5 yrs	5 yrs	Grade Min 7 (DIN EN 180 105-BO2)
Recacril Decorline®	S.A. Recasens	Solution Dyed Acrylic	Fluorocarbon/Resin	65 yds	54"	8 oz (ASTM D3776, Method C)	19 solids, 7 stripes	No	Yes	3 yrs	3 yrs (limited)	NA
Recacril®	S.A. Recasens	Solution Dyed Acrylic	Fluorocarbon/Resin	65 yds	47", 60", 98"	9 oz (ASTM D3776, Method C)	58 solids, 78 stripes	No	Yes	5 yrs	5 yrs (limited)	1,500 hrs (AATCC-16)
Recwater®	S.A. Recasens	Solution Dyed Acrylic	PVC, one side	65 yds	59"	17.4 oz (ASTM D3776, Method C)	12	No	Yes	5 yrs	5 yrs (limited)	1,500 hrs
Regatta	Herculite Products Inc	Polyester	PVC, Acrylic Top	50 yds	62"	13.4 oz (ASTM D3776, Method C)	22	Yes, by color	Yes, by color	5+ yrs	5 yrs	NA
Sea-Spraé®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Acrylic	75 linear yds	64"	6.25 oz (ASTM D3776, Method C)	14	No	Yes	3+ yrs	3 yrs (limited)	1,000 hrs
Softouch	Marchem CFI	Polyester, Face & Backing	Acrylic	50 yds	60"	11.5 oz (ASTM D3776, Method C)	11	No	Yes	3-5 yrs	3 yrs	900 hrs (SAE J1960)
Soltis 86	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl	54 yds	69.69"; limited 106"	11.17 oz (ASTM D3776, Method C)	23	Yes	No	10 yrs (+/-)	2 yrs	NA
Stamoid Heavy Cover 4313	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl, Top	32.8 yds	102"	13.67 oz (ASTM D3776, Method C)	4	Yes, light colors	Yes, dark colors	10 yrs (+/-)	5 yrs	NA
Stamoid Light 4128	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl, Top	54.7 yds	59", 80"	8.23 oz	14	Yes, light colors	Yes, dark colors	10 yrs (+/-)	5 yrs	NA
Stamoid Open 4463	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl	32.8 yds	102"	19.1 oz	Snow White, White, Ivory, Black, Cream	Yes	Yes, dark colors	10 yrs (+/-)	5 yrs	NA
Stamoid Top 3933	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl	32.8 yds, 54.7 yds, 59 yds, 80 yds	59", 80"	12.64 oz	14	Yes, light colors	Yes, dark colors	10 yrs (+/-)	5 yrs	NA
Stamoid Top Two-Tone	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl	54.68 yds	59"	12.64 oz (EN ISO 2286-2)	Charcoal/white, Navy/white, Sand/white, Taupe/white	NA	NA	10 yrs (+/-)	5 yrs	NA
Stamoid Tweed 4612	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl	54.7 yds	59"	12.64 oz (ASTM D3776, Method C)	Pearl White, Rock Grey, Beach Sand, Admiral Blue	Yes, light colors	Yes, dark colors	10 yrs (+/-)	5 yrs	NA

DURABILITY						HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) ²	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED NSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
40+/-2 cm (AATCC 127-85, 95)	Class A Flammable	16 x 9.7 lb/in (ASTM D2261-7.01, 83)	300 x 170 lb/in (ASTM D5034-95)	NA	60,000 cycles (ASTM D4157-92)	3% x 1%	1% x 3%	Yes	No	Yes	Yes	Yes	No	Yes
NA	NA	NA	NA	NA	NA	0.04	NA	NA	NA	NA	NA	NA	NA	Yes
Grade 100 (DIN EN 24920)	NA	3 x 2.5 daN (DIN EN ISO 13937-2)	140 x 100 daN/5cm (DIN EN ISO 13934-1)	2,500 gm/m, 24h, 37C (ASTM E96, Procedure B)	NA	.5 x .5 % (DIN 53892-2)	25 x 20 % (DIN EN ISE 13934-1)	NA	NA	NA	NA	NA	Yes	Yes
Grade 100 (DIN EN 24920)	NA	4.5 x 3.5 daN (DIN EN ISO 13937-2)	160 x 110 daN/5cm (DIN EN ISO 13934-1)	1,500 gm/m, 24h, 37C (ASTM E96, Procedure B)	NA	.5 x .5 % (DIN 53892-2)	35 x 25 % (DIN EN ISE 13934-1)	NA	NA	NA	NA	NA	Yes	Yes
Grade 100 (DIN EN 24920)	NA	2.5 x 2.5 daN (DIN EN ISO 13937-2)	170 x 110 daN/5cm (DIN EN ISO 13934-1)	900 gm/m, 24h, 37C (ASTM E96, Procedure B)	NA	.5 x .5 % (DIN 53892-2)	35 x 25 % (DIN EN ISE 13934-1)	NA	NA	NA	NA	NA	Yes	Yes
> 3 (AATCC 127)	NA	20 x 12 lb/in (ASTM D2661)	160 x 60 kg/5cm	NA	NA	0% x 0%	0% x 0%	No	No	No	No	No	No	Yes
> 4 (AATCC 127)	NA	11.5 x 7.7 lb/in (ASTM D2261)	287 x 149 lb/in (ASTM D5034 grab)	NA	40,000 rubs (ASTM 4157)	.1% x 0% (Method 5804)	0% x 0% (ASTM D2594)	Yes	No	Yes	Yes	Yes	No	Yes
100 cm (AATCC 127)	NA	10.9 x 6.9 lb/in (ASTM D2661)	333 x 185 lb/in (ASTM D5034 grab)	No	40,000 rubs (ASTM 4157)	.4% x 0%	0% x 1%	Yes	Yes	Yes	Yes	Yes	No	Yes
NA	NA	54 x 48 lb/in (ASTM D2261-7.01, 83)	247 x 181 lb/in (ASTM D5034-95)	NA	66 x 100	2.93% x 0%	NA	No	No	No	No	No	Yes	Yes
25 in (AATCC 127-85, 95) (minimum)	No	14 x 12 lb/in (ASTM D2261-7.01, 83)	250 x 200 lb/in (ASTM D5034-95)	No	NA	<1% x <1%	<1% x <1%	No	No	No	No	No	No	Yes
84 cm (AATCC 127-85, 95)	No	36 x 30 lb/in (ASTM D2261-7.01, 83)	348 x 222 lb/in (ASTM D5034-95)	29 gm/m (ASTM E96, Procedure B)	NA	0% x 0% (MCFI Test Method)	0% x 0% (ASTM D2594-72)	No	Yes	Yes	No	Yes	No	Yes
No	Inherent (ASTM E84, NFPA 701)	101 x 44 lb/5cm (DIN 53.363)	497 x 359 lb/in (EN ISO 1421)	Yes	NA	<0.50%	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	67 x 56 lb/in (DIN 53.363)	497 x 497 lb/5cm (EN ISO 1421)	No	NA	<0.50%	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	15 x 15 lb/in (DIN 53.363)	224 x 224 lb/in (EN ISO 1421)	No	NA	<0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	67 x 56 lb (DIN 53.363)	497 x 497 lb/5cm (EN ISO 1421)	No	NA	<0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	13 x 15 lb (DIN 53.363)	269 x 269 lb/in (EN ISO 1421)	No	NA	<0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	13 x 15 lb (DIN 53.363)	269 x 269 lb/5cm (EN ISO 1421)	NA	NA	<0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes
Waterproof	NA	13 x 15 lb (DIN 53.363)	269 x 269 lb/5cm (EN ISO 1421)	No	NA	<0.50%	NA	Yes	NA	Yes	Yes	Yes	Yes	Yes

FABRIC DATA

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME	TRADEMARK HOLDER	BASE FABRIC	FINISH TYPE OF COATING	STANDARD PUT UP (yds/per roll)	FINISHED WIDTH(S)	FINISHED WEIGHT (oz/yd ²)	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)	UV RESISTANT (hrs)
Stamskin Top F4340	Ferrari Textiles Corp.	High Tenacity Polyamide	PVC, Top	23 oz/ yd ² (EN ISO 2286-2)	55"	23 oz	41	No	Yes	10 yrs (+/-)	5 yrs, inside: 2 yrs, outside	2000 hrs, QUV
Sun & Sea	Vicar International	Polyester	Vinyl Surface	40 yds	62"	15 oz (ASTM D3776, Method C)	15	Varies with color	Varies with color	5 yrs (limited)	No	1,000 hrs (ASTM G53)
Sun King	Graniteville Specialty Fabrics	Polyester	Vinyl	125 yds	60"	9.75 oz	15	No	Yes	3+ yrs	3 yrs	600 hrs, QUV
Sunbrella Awning/ Marine®	Glen Raven Custom Fabrics LLC	Sunbrella Acrylic	Water Repellent Finish, Resins	65 yds	46", 60", 80"	9 oz (ASTM D3776, Method C)	76 in 46", 36 in 60", 6 in 80"	No	Yes	10+ yrs	10 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Sunbrella View®	Glen Raven Custom Fabrics LLC	Sunbrella Acrylic	Water Repellent Finish, Resins	60 yds	60"	7.8 oz (ASTM D3776, Method C)	14	Yes	Yes	5+ yrs	5 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Sunbrella® Furniture - Canvas	Glen Raven Custom Fabrics LLC	Sunbrella Acrylic	Water Repellent Finish	60 yds	54"	7.9 oz (ASTM D3776, Method C)	58	No	Yes	5+ yrs	5 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Sunbrella® Plus	Glen Raven Custom Fabrics LLC	Sunbrella Acrylic	Highly Water Repellent	60 yds	60", 80"	10.4 oz (ASTM D3776, Method C)	15	No	Yes	5+ yrs	5 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Sunbrella® Supreme	Glen Raven Custom Fabrics LLC	Sunbrella Acrylic	Waterproof Barrier with Flocked Underside	40 yds	60"	13 oz (ASTM D3776, Method C)	5 - stock	No	Yes	5+ yrs	5 yrs	1500 hrs (SAE J2527); 2,200 hrs (AATCC 169-2003)
Sundown	Covin Sales & Coverting	Solution Dyed Acrylic	Fluorocarbon with Teflon®	55 yds, 65 yds	60", 47"	9 oz (ASTM D3776, Method C)	48 (47"), 30 (60")	Yes	No	10 yrs	5 yrs	NA
Sundown Acrilplas	Covin Sales & Coverting	Solution Dyed Acrylic	Fluorocarbon with Teflon®, PVC Coated	55 yds	60"	15 oz (ASTM D3776, Method C)	5	Yes	No	NA	5 yrs	NA
Sunfield™	Sunfield Inc. dba Suntex Inc.	Solution Dyed Acrylic	Fluorocarbon	65 yds	32', 47', 60'	9.10 oz (ASTM D3776, Method C)	48	Yes	Yes	15 yrs	5 yrs	1,500 hrs
SurLast®	Glen Raven Custom Fabrics LLC	Solution Dyed Polyester	Water Repellent/Urethane	100 yds	60"	7 oz (ASTM D3776, Method C)	10 - stock	No	Yes	3+ yrs	3 yrs	1,500 hrs (AATCC 169-2003)
Tempotest Malmoe Resinato®	PARA S.p.A	Solution Dyed Acrylic	Acrylic Resin, Teflon	65 yds	60"	9.15 oz (ASTM D3776, Method C)	15	No	Yes	6+ yrs	6 yrs	2,000 hrs (SAE J1960)
Tempotest Marine®	PARA S.p.A	Solution Dyed Acrylic	Teflon	65 yds	60"	8.9 oz (ASTM D3776, Method C)	28	No	Yes	6+ yrs	6 yrs	2,000 hrs (SAE J1960)

DURABILITY						HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) ²	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED NSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
Waterproof	Inherent, FAA-Horizontal, UFAC-Fabric, CA117E, FMVSS 302, BFD 1X-1, BIFM/X5.7 Fab Screen RC	5.5 x 3.3 lb (EN ISO 13937/1)	440 x 280 N/5cm (EN ISO 1421)	NA	120,000 cycles (NF EN ISO 12947-2)	NA	> 35% x > 55%	Yes	Yes	Yes	Yes	Yes	Yes	Yes
350 psi (AATCC 127-85, 95)	Treated (CSFM, CPAI 84, NFPA 701)	44 x 44 lb/in (ASTM D751-79)	165 x 145 lb/in (ASTM D751-79)	No	NA	0% x 0%	NA	Yes, Vinyl	Yes	Yes	Yes	Yes	No	Yes
90+ cm (AATCC 127-85, 95)	No	22 x 22 lb/in (ASTM D2261-7.01, 83)	450 x 350 lb/in (ASTM D5034-95)	No	6,600 cycles (ASTM D3884)	<2% x <2%	1-2% x 1-2% (ASTM D2594-72)	Yes, Vinyl	No	No	No	No	No	Yes
45+ cm (AATCC 127)	Cal TB117 CS 191-53 Class 1	12 x 8 lb/in (ASTM D2261)	285 x 180 lb/in (ASTM D5034-95)	1500+ (g/24h.sqm)	40,000+ cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
NA	Cal TB117 CS191-53 Class 1	12 x 8 lb/in (ASTM D2261)	200 x 120 lb/in (ASTM D5034-95)	300+ (g/24h.sqm)	40,000+ cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
NA	Cal TB117 CS 191-53 Class 1	15 x 12 lb/in (ASTM D2261)	270 x 140 lb/in (ASTM D5034-95)	1500+ (g/24h.sqm)	15,000 cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
100+ cm (AATCC 127-1998)	Cal TB117 CS 191-53 Class 1	14 x 8 lb/in (ASTM D2261-7.01, 83)	285 x 180 lb/in (ASTM D5034-95)	250+ (g/24h.sqm)	40,000 cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
500+ cm (AATCC 127-1998)	Cal TB117 CS191-53 Class 1	10 x 6 lb/in (ASTM D2261-7.01, 83)	250 x 150 lb/in (ASTM D5034-95)	200+ (g/24h.sqm)	40,000+ cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	Yes	Yes
300 mm	NA	NA	140 x 95 daN/5cm	NA	NA	NA	NA	Yes	No	Yes	Yes	Yes	No	Yes
Waterproof	NA	NA	140 x 95 daN/5cm	NA	NA	NA	NA	Yes	No	Yes	Yes	Yes	No	Yes
40 mm (AATCC 127)	No	13 x 9.5 lb/in (ASTM D2261)	285 x 150 lb/in (ASTM D5034-95)	Yes	20,000 cycles	.1%	0.3% x 0.3% (ASTM D2594-72)	Yes	Yes	Yes	Yes	Yes	NA	Yes
90+ cm (AATCC 127)	No	40 x 35 lb/in (ASTM D2261)	325 x 275 lb/in (ASTM D5034-95)	NA	50,000 cycles (ASTM D4157-92)	NA	NA	Yes	No	Yes	Yes	Yes	No	Yes
>1000 mm (AATCC 127-85, 95)	No	9 x 6 lb/in (ASTM D2261-7.01, 83)	200 x 100 lb/in (UNI 8639)	37 C; 500 gr/mt2	>40,000 cycles (ASTM D4157-92)	0.5% x 0.5%	0.5% x 0.5% (ASTM D2594-72)	No	No	NA	NA	NA	Yes	Yes
>300 mm (AATCC 127-85, 95)	No	9 x 6 lb/in (ASTM D2261-7.01, 83)	200 x 100 lb/in (UNI 8639)	37 C; 500 gr/mt2	>40,000 cycles (ASTM D4157-92)	0.5% x 0.5%	0.5% x 0.5% (ASTM D2594-72)	No	No	NA	NA	NA	Yes	Yes

FABRIC DATA

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME	TRADEMARK HOLDER	BASE FABRIC	FINISH TYPE OF COATING	STANDARD PUT UP (yds/per roll)	FINISHED WIDTH(S)	FINISHED WEIGHT (oz/yd ²)	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)	UV RESISTANT (hrs)
Tempotest Star FR Resinato	PARA S.p.A	Spun Dyed Polyester	Fluorocarbonic resin & coating	54.6 yds	46"	10.76 oz ± 5% (UNI EN 1214-99)	14	No	Yes	5+ yrs	NA	1,000 hrs (ISO EN 105 B04 Method 3), color fastness 4 on the greyscale
Tempotest Star Marine Resinato	PARA S.p.A	Spun Dyed Polyester	Fluorocarbonic resin & polyurethan coating	54.6 yds	80.7"	11.20 oz ± 5% (UNI EN 12127-99)	6	No	Yes	5+ yrs	NA	1,000 hrs (ISO EN 105 B04), color fastness 4 on the greyscale
Top Gun	Marchem CFI	Polyester	Acrylic	50 yds	62"	11.5 oz (ASTM D3776, Method C)	20	No	Yes	5-10 yrs	5 yrs	1,500 hrs (SAE J1960)
Top Notch	Marchem CFI	Solution Dyed Polyester	Fluorocarbon finish	50 yds	60"	11.5 oz (ASTM D3776, Method C)	12	No	Yes	5-10 yrs	5 yrs	1,500 hrs (SAE J1960)
Tri-Flame	Trident Industrial Products Corp.	Polyester/Cotton	Vinyl	60 yds	60"	12 oz (ASTM D3776, Method C)	White, Gray, Tan	No	Yes	3 yrs	3 yrs	Yes
Tri-Lon	Trident Industrial Products Corp.	Polyester	PVC	65 yds	60"	11 oz (ASTM D3776, Method C)	Assorted	No	Yes	3 yrs	3 yrs	Yes1
Triton®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Vinyl	100 yds	60"	6 oz (ASTM D3776, Method C)	Ivory, Blue Silver	No	Yes	3 yrs	3 yrs	1,500 hrs (QUV Machine)
TVF 600D Solution Dyed Polyester	Top Value Fabrics Inc.	Solution Dyed Polyester Woven	Durable Water Repellent, Pu coated	60 yds	60"	8.69 oz (ASTM D3776, Method C)	11	No	Yes	3 yrs	1 yr (limited)	800 hrs (AATCC 16)
Uni-Cover	Vicar International	Polyester	Vinyl Surface	125 yds	57"	8 oz (ASTM D3776, Method C)	16	Varies with color	Varies with color	2 yrs	No	500 hrs (ASTM G53)
Vantage	Graniteville Specialty Fabrics	Polyester	Acrylic	100 yds	64"	6 oz	14	No	Yes	3+ yrs	3 yrs	600 hrs, QUV
Vista	Marchem CFI	Solution Dyed Polyester	Water Repellent/Urethane	50 yds	60"	7.5 oz (ASTM D3776, Method C)	13	No	Yes	3+ yrs	3 yrs	900 hrs (SAE J1960)
Weather Pro	J. Ennis Fabrics Ltd.	Cotton Duck	Water Repellent	50 yds	36", 60"	11 oz (ASTM D3776, Method C)	Pearl Grey, Clear, Steel Grey	No	No	2 yrs	2 yrs	NA
WeatherMax 80	Safety Components Fabric Technologies	Polyester	HydroMax	75 yds	60"	8 oz (ASTM D3776, Method C)	20+	Varies with color	Varies with color	NA	5 yrs	1,500 hrs (AATCC 169)
WeatherMax FR	Safety Components Fabric Technologies	Polyester	HydroMax	65 yds	60"	9.5 oz (ASTM D3776, Method C)	10	Varies with color	Varies with color	10-15 yrs	5 yrs	1,500 hrs (AATCC 169)
WeatherMax LT	Safety Components Fabric Technologies	Polyester	HydroMax	100 yds	60"	6.5 oz (ASTM D3776, Method C)	10+	Varies with color	Varies with color	5-10 yrs	3 yrs	1,500 hrs (AATCC 169)
Wild One	Graniteville Specialty Fabrics	Polyester	Vinyl	200 - 500 yds	60"	3.5 oz	3	Yes	No	1-2 yrs	No	600 hrs, QUV

DURABILITY						HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) ²	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED NSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
≥700 mm (UNI EN 20811)	Yes (UNI EN 9177 Class 1, DIN 4102 B1, NFPA 701-10, MVSS 302, IMO)	NA	1900 x 1200 (UNI EN ISO 13934-1/2000)	NA	>50,000 cycles (UNI EN ISO 12945-2)	NA	48% x 40% (UNI EN ISO 13934-1/2000)	Yes	Yes	NA	NA	Yes, on reserved edge	NA	Yes
≥1000 mm (UNI EN 20811)	No	NA	2300 x 1900 (UNI EN ISO 13934-1/2000)	NA	>50,000 cycles (UNI EN ISO 12945-2)	NA	55% x 45% (UNI EN ISO 13934-1/2000)	Yes	Yes	NA	NA	Yes	NA	Yes
76 cm (AATCC 127-85, 95)	No	43 x 32 lb/in (ASTM D2261-7.01, 83)	500 x 388 lb/in (ASTM D5034-95)	116 gm/m (ASTM D3884)		0% x <1% (MCFI Test Method)	0% x 0% (ASTM D2594-72)	Yes	Yes	Yes	Yes	Yes	No	Yes
36 cm (AATCC 127-85, 95)	No	46 x 38 lb/in (ASTM D2261-7.01, 83)	500 x 305 lb/in (ASTM D5034-95)	645 gm/m (ASTM E96, Procedure B)		0% x 0% (MCFI Test Method)	0% x 0% (ASTM D2594-72)	Yes, Solvent Inks	Yes	Yes	Yes	Yes	No	Yes
Yes	Yes (CSFM)	NA	NA	No	NA	NA	NA	Yes	Yes	No	No	No	No	No
Yes	No	NA	NA	No	NA	NA	NA	Yes	No	No	No	No	No	No
90+ (AATCC 127-85, 95)	NA	17 x 15 lb/in (ASTM D2261-7.01, 83)	280 x 190 lb/in (ASTM D5034-95)	No	2,100 cycles (ASTM D3884)	<2% x 2%	1-2% x 1-2% (ASTM D2594-72)	Yes, Vinyl Receptive	No	No	No	Yes, with seam seal tape	No	No
69.08 cm (AATCC 127-85, 95)	NA	22.9 x 16.6 lb/in (ASTM D2261-7.01, 83)	409.44 x 283.51 lb/in (ASTM D5034-95)	NA	>800 cycles (ASTM D4157-92)	NA	NA	Yes	Yes	Yes	No	Yes	No	Yes
Vinyl Surfaces	Treated (MVSS 302)	NA	NA	No	NA	NA	NA	Yes	Yes	Yes	Yes	Yes	No	Yes
80 cm (AATCC 127-85, 95)	No	15 x 14 lb/in (ASTM D2261-7.01, 83)	290 x 190 lb/in (ASTM D5034-95)	No	2,100 cycles (ASTM D3884)	<2% x <2%	1-2% x 1-2% (ASTM D2594-72)	Yes, Acrylic	No	No	No	No	No	Yes
86 cm (AATCC 127-85, 95)	No	23 x 28 lb/in (ASTM D2261-7.01, 83)	320 x 255 lb/in (ASTM D5034-95)	107 gm/m (ASTM E96, Procedure B)	NA	<1% x 0% (MCFI Test Method)	<1% x <1% (ASTM D2594-72)	Yes	Yes	Yes	Yes	Yes	No	Yes
340 mm (AATCC 127-85, 95)	NA	30+/-1 x 27+/-2 lb/in (ASTM D-2261)	1054+/-23 x 802 +/-51 lb/in (ASTM D5034-95)	398.67 g/m (ASTM E96, Procedure B)	NA	NA	0% x 0.8% (ASTM D2594-72)	NA	NA	NA	NA	NA	No	Yes
65 cm (AATCC 127)	NA	20 x 18 lb/in (ASTM D2261)	490 x 390 (ASTM 5034)	1.3 cfm (ASTM D737)	600 cycles (Taber 500 - H18)	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
90+ cm (AATCC 127)	Inherent (NFPA 701: 2004; CPAI84; CSFM Title 19; NFPA 701)	13 x 15 lb/in (ASTM D2261)	490 x 390 (ASTM 5034)	1.3 cfm (ASTM D737)	600 cycles (Taber 500 - H18)	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
55 cm (AATCC 127)	NA	15 x 10 lb/in (ASTM D2261)	480 x 270 (ASTM 5034)	1.8 cfm (ASTM D737)	600 cycles (Taber 500 - H18)	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
90 cm (AATCC 127-85, 95)	No	6 x 6 lb/in (AATCC 127-85, 95)	195 x 140 lb/in (ASTM D5034-95)	No	NA	<2% x <2%	1-2% x 1-2% (ASTM D2594-72)	Yes, Vinyl	No	No	No	No	No	Yes

CLEAR MATERIALS DATA-BY ROLL

FABRIC TYPE		CONSTRUCTION						AESTHETICS		
TRADE NAME OF FABRIC	TRADEMARK HOLDER	CHEMICAL BASE OF MATERIAL	FINISH TYPE OF COATING	THICKNESS (mil)	PUR UPS (yds)	FINISHED WIDTH(S)	FINISHED WEIGHT (LBS/YD ²)	COLORS AVAILABLE	LIFE EXPECTANCY (yrs)	ULTRAVIOLENT RESISTANCE (hrs)
Aqua-View	Manart-Hirsch Co Inc	Polyvinylchloride/PVC	Double polished	20 mil	30, 60 yds	54"	1.8 lbs	Clear, Smoke Tint	NA	1000 hrs (ASTM G53)
Aqua-View	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	30 mil	19, 38 yds	54"	1.75 lbs	Clear, Smoke Tint	NA	1000 hrs (ASTM G53)
Aqua-View	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	40 mil	15 yds	54"	2.34 lbs	Clear, Smoke Tint	NA	1000 hrs (ASTM G53)
Aqua-View FR	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	30 mil	19 yds	54"	1.75 lbs	Clear	NA	1000 hrs (ASTM G53)
Clear Plastic	J. Ennis Fabrics Ltd.	Polyvinylchloride	No	16, 20, 30 gge	30, 30 yds	54"	Various	Charcoal, Smoke, Clear	NA	Ultraviolet Resistant Properties
Clear Polishing Vinyl	Trident Industrial Products Corp.	PVC	No	10-40 mil	NA	54"	NA	Clear	NA	NA
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	12 mil	50 yds	54"	.67 lbs	Clear	NA	1000 hrs
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	16 mil	30, 75 yds	54"	.90 lbs	Clear	NA	1000 hrs
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	20 mil	35, 60 yds	54"	1.10 lbs	Clear, Tint	NA	1000 hrs
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished/laminated	30 mil	20, 40 yds	54"	1.66 lbs	Clear, Tint	NA	1000 hrs
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished/laminated	40 mil	15 yds	54"	2.22 lbs	Clear	NA	1000 hrs
Double Polish Clear	Bruin Plastics Co. Inc.	DPC PVC	Double polished	.020 +/- .002"	60 yds	54"	20 +/- 2 1/2 oz/y	Clear	>5 yrs	>1200 hrs (Xenon)
Marine Clear 2000	Robeco	Vinyl Film	Extruded	30 mil	20 yds	54"	1.71 lbs	Clear	NA	1000 hrs
Marine Clear 2000	Robeco	Vinyl Film	Extruded	40 mil	14.35 yds	54"	1.91 lbs	Clear	NA	1000 hrs
Super Clear	J. Ennis Fabrics Ltd.	Polyvinylchloride	Double polished	16, 20, 30 gge	35 yds (rolls and cuts)	54"	Various	Clear, Charcoal	1 yr	1000 hrs 0 UV0B (ASTMG53)
UV Marine Grade	Robeco	Vinyl Film	Double polished	20 mil	30, 60 yds	54"	1.1 lbs	Clear, Tints	NA	1000 hrs
UV Marine Grade	Robeco	Vinyl Film	Double polished	30 mil	20, 40 yds	54"	1.66 lbs	Clear	NA	1000 hrs
UV Marine Grade	Robeco	Vinyl Film	Double polished	40 mil	15, 30 yds	54"	1.66 lbs	Clear, Tints	NA	1000 hrs

DURABILITY								GRAPHICS COMPATIBILITY			SUPPORT MATERIALS		
U.V. FILTERING	LUMINOUS TRANSMITTANCE	SCRATCH RESISTANCE	FLAME RESISTANCE	DIMENSIONAL STABILITY	TEAR STRENGTH (PSI)	TENSILE STRENGTH (PSI)	COLD CRACK	SILK SCREENABLE	HEAT SCREENABLE	PRESSURE-SENSITIVE VINYL	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION/ MSDS SHEET	WARRANTY/ CONTACT INFORMATION
<10% UVB, <15% UVA	0.9	No	Special Order	<5% MD, >2% TD (ASTM D1204)	410 psi MD, 370 psi TD (ASTM D1204)	See material data sheets	<20°F (ASTM D1790)	No	Yes	No	No	Yes	No
<10% UVB, <15% UVA	0.9	No	Special Order	<5% MD, >2% TD (ASTM D1204)	418 psi MD, 390 psi TD (ASTM D1204)	See material data sheets	<20°F (ASTM D1790)	No	Yes	No	No	Yes	No
<10% UVB, <15% UVA	0.9	No	Special Order	<5% MD, >2% TD (ASTM D1204)	427 psi MD, 410 psi TD (ASTM D1204)	See material data sheets	<20°F (ASTM D1790)	No	Yes	No	No	Yes	No
<10% UVB, <15% UVA	0.9	Yes - CF5M	Yes - CF5M	<5% MD, >2% TD (ASTM D1204)	418 psi MD, 390 psi TD (ASTM D1204)	See material data sheets	<20°F (ASTM D1790)	No	Yes	No	No	Yes	No
NA	NA	No	Self extinguishing (ASTM D568)	-2% MD, +1% CD (ASTM D1204)	65 kgf/cm MD, 60 kgf/cm CD (ASTM D1004)	220 kgf/sqcm MD, 210 kgf/sqcm CD (ASTM D882)	<20°C - 30°C	NA	NA	NA	NA	Yes	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<10% closing	0.9	No	MV SS302 (ASTM D568)	<2% (ASTM D1204)	NA	NA	<11°F (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	No
<10% closing	0.9	No	MV SS302 (ASTM D568)	<2% (ASTM D1204)	NA	NA	<11°F (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	Yes
<10% closing	0.9	No	MV SS302 (ASTM D568)	<2% (ASTM D1204)	NA	3400-3600 psi	<11°F (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	Yes
<10% closing	0.9	No	MV SS302 (ASTM D568)	<2% (ASTM D1204)	NA	3600-3800 psi	<11°F (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	Yes
<10% closing	0.9	No	MV SS302 (ASTM D568)	<2% (ASTM D1204)	NA	3000 psi	<11°F (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	Yes
NA	>85%	NA	No	NA	NA	NA	<30°F	Only with solvent base ink	Yes	Yes	NA	NA	NA
<26% below 400 nm	NA	NA	Special Order	<4.5% MD, >2% TD (at 100°C)	41 MD, 39 TD (ASTM D1004-66)	3400-3500 psi	<5° (ASTM 1790-94)	Yes	Yes	Yes	No	Yes	No
<26% below 400 nm	NA	NA	Special Order	<3.5% MD, >1% TD (at 100°C)	116 MD, 109 TD	3500-3800 psi	<5° (ASTM 1790-94)	Yes	Yes	No	No	Yes	No
NA	80 - 100%	NA	NA	100°C - 40 min, 3.5% MD, 2% CD	NA	3000 psi (ASTM D822)	-28°C	NA	NA	NA	NA	Yes	Yes
<26% below 400 nm	NA	NA	Special Order	<4% MD, >3% TD (at 100°C)	300 MD, 400 TD	3600 psi	<5° (ASTM 1790-94)	Yes	Yes	No	No	Yes	No
<26% below 400 nm	NA	NA	Special Order	<3% TD (ASTM D1204)	380-410 lbs/in	3600-3800 psi	<5° (ASTM 1790-94)	Yes	Yes	No	No	Yes	No
<26% below 400 nm	NA	NA	Special Order	<2% TD (ASTM D1204)	300-400 lbs/in	3000-3500 psi	<5° (ASTM 1790-94)	Yes	Yes	No	No	Yes	No

CLEAR MATERIALS DATA-BY SHEETS

FABRIC TYPE		CONSTRUCTION					AESTHETICS					
TRADE NAME OF FABRIC	TRADEMARK HOLDER	CHEMICAL BASE OF MATERIAL	FINISH TYPE OF COATING	THICKNESS (mil)	FINISHED WIDTH(S)	FINISHED WEIGHT (lbs/yd ²)	COLORS AVAILABLE	LIFE EXPECTANCY (Yrs)	SCRATCH RESISTANCE	HARDNESS SHORE A	TENSILE STRENGTH (PSI)	TEAR STRENGTH (PSI)
Aqua-Lite	Manart-Hirsch Co. Inc.	Polycarbonate	Gloss, 2 sides	30 mil	48" x 96"	1.58 lbs	Clear, Smoke Tint	NA	NA	NA	9,000 psi (ASTM D638)	6,000 psi (ASTM D732)
Aqua-Lite SR	Manart-Hirsch Co. Inc.	Polycarbonate	Gloss, 2 sides	60 mil	48" x 96"	3.15 lbs	Clear, Smoke Tint	NA	Yes (AR-2)	NA	9,000 psi (ASTM D638)	6,000 psi (ASTM D732)
Aqua-view	Manart-Hirsch Co. Inc.	PVC	No	20, 30, 40, 60 mil	54" x 110"	37 oz at 40 mil	Clear, Bronze, Smoke Tint, Extra Dark Smoke Tint	2-5 yrs	NA	NA	28.5 Mpa (DIN 53455)	NA
Clear Polishing Vinyl	Trident Industrial Products Corp.	PVC	No	10 - 40 mil	54"	NA	Clear	2 yrs	No	NA	NA	NA
Kal Glass	Vicar International	PVC	Optical Grade Pressed Polished	40, 50 mil	24" x 54", 27" x 62", 29" x 68"	depends on thickness	Clear, Green, Charcoal	3-6 yrs, care & exposure dependent	-	90 (ASTM D2240)	3800 (ASTM D412)	940 (ASTM D1004)
Strataglass	Strataglass LLC	PVC	Urethane	27, 30, 40, 60 mil	54" x 110"	depends on thickness	Clear, Light Smoke, Dark Smoke	5 yrs, care & exposure dependent	10,000 cycles (ASTM D3597, ASTM D4157)	90 (ASTM D2240)	3943.7 (ASTM D882)	3007.4 (ASTM D882)

INSTRUCTIONS FOR USE

This guide lists fabrics manufactured and distributed by the companies listed here.

BOLD companies support *Marine Fabricator* through advertising.

PARTICIPATING COMPANIES

Bainbridge International Inc.
www.bainbridgeint.com

Bondcote Corporation
www.bondcote.com

Bruin Plastics Co. Inc.
www.bruinplastics.com

Citel
www.citel.es

Covin Sales & Converting
www.covinsales.com

Ferrari Textiles Corporation
www.stamoidmarine.com

Glen Raven Custom Fabrics LLC
www.glenraven.com

Graniteville Specialty Fabrics
www.graniteville.net

J. Ennis Fabrics
www.jennisfabrics.com

Herculite Products Inc.
www.herculite.com

Manart-Hirsch Co. Inc.
www.manart-hirsch.com

MarChem CFI
www.marchemcfi.com

Mehler Technologies
www.mehler-technologies.com

PARA' S.p.A.
www.para.it

Recasens USA
www.recasensusa.com

Robeco/Ascot Products
www.robecoinc.com

Safety Components Fabric Technologies Inc.
www.safetycomponents.com

Sattler AG
www.sattler-corp.com

Outdura Corporation
www.outdura.com

Strataglass Ltd.
www.strataglass.com

Sunfield Inc.
www.sunfieldusa.com

Top Value Fabrics
www.tvfinc.com

Trident Industrial Products Corp.
www.tridentindustrialproducts.com

Tri Vantage LLC
www.trivantage.com

Vicar International
www.vicarinternational.com

DURABILITY

SUPPORT MATERIALS

ELONGATION	QUV (hrs)	XENON WEATHEROMETER	LUMINOUS TRANSMITTANCE	U.V. FILTERING	HAZE	FOGGING	"W" FLEX (counts)	EMMAQUA	TABER RESISTANCE	FLAME RESISTANCE	COLD FLEX	LOW TEMPERATURE BRITTLENESS	DIMENSIONAL STABILITY	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION/MISDS SHEET AVAILABLE	WARRANTY/ CONTACT INFORMATION AVAILABLE
NA	NA	NA	88% (ASTM D1003)	NA	NA	NA	NA	NA	NA	V-2 UL94	<200°F (ASTM D746)	<200°F (ASTM D746)	NA	Yes	Yes	Yes
NA	NA	NA	88% (ASTM D1003)	NA	NA	NA	NA	NA	NA	V-2 UL94	<200°F (ASTM D746)	<200°F (ASTM D746)	NA	Yes	Yes	Yes
1500 hrs (SAE J1885)	NA	(ASTM D1003)	NA	1.2 (ASTM D1003)	60% (DIN 75201)	FLTM BN-2-2	30,000 counts	equivalent to 1 yr FLA	25 cycles using CS-10F	NA	No (FBIM 59-5)	<21°C (ASTM D746)	7 days at 85°C	No	No	No
NA	NA	NA	NA	NA	No	No	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2.65 (ASTM D412)	1000 hrs (ASTM G154)	305	tint dependent	tint dependent	tint dependent	-	30,000 counts (FLTM BN102-02)	equivalent to 3 yrs FLA	<0.2% wt loss (ANZI 26.1, Test 17)	inherently self extinguishing (ANZI 26.1, Test 23; MVSS302)	-40°F (SAE J323, 75" Mandrell)	<30°F (ASTM D746)	3.5 % (ASTM D1204)	No	Yes	Yes
241.6% (ASTM D882)	2000 hrs (ASTM G145-00a)	NA	88.8% (ANSI Z26.1, test 2)	20% UVA, 1% UVB, 1% UVC	0.59 <0.9% (ASTM D1003)	NA	30,000 counts (FLTM BN2-2)	NA	10,000 cycles (ASTM D3597, ASTM D4157)	self extinguishing (ANSI Z26.1, test 5.23)	No cracks at <10°F (FLTM 59-5)	<30°F	machine direction (MD) -0.8%, transverse direction (TD) 0%	No	Yes	Yes



2012
mfa
 national convention

January 20 – 22, 2012
 The Hilton | New Orleans, LA



REGISTRATION IS OPEN

Register early and make payments to attend

marinecanvas.com

