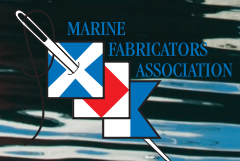


# 09 MARINE SPECIFIER'S GUIDE

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.



# 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 <sup>2</sup> )	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)
600 SD Polyester	J. Ennis Fabrics Ltd.	Polyester	.75 oz polyurethane	50	60"	7 <sup>41</sup>	7	Y	N	3+	3
Aqualon®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Two-ply Polyester Duck	Vinyl Resin, Top	65	60"	9 <sup>41</sup>	33	N	Y	5+	5
Aquatex II	Herculite Products Inc.	Polyester	Laminate	45	62"	12.7 <sup>41</sup>	5	N	Y	3-5	
Atlantis Marine Top	Bruin Plastics Co. Inc.	Polyester	PVC Vinyl	60	54"	16 <sup>41</sup>	Off White/ Denim, Off White/Grey	N	N	3	
Atlantis Marine Underlining	Bruin Plastics Co. Inc.	Polyester/Cotton	PVC Vinyl	75	54"	9 <sup>41</sup>	Black, White, Grey	N	N		
Boatex™ A	Glen Raven Inc. (distributed by Tri Vantage LLC)	Cotton Army Duck	Mineral Dyed	50	36"	10.10 <sup>41</sup> , 12.63 <sup>41</sup>	Pearl	N	Y	3	
Coastguard®	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent	60	60"	9 <sup>41</sup>	30	N	Y	5+	5
Cover Pac	Graniteville Specialty Fabrics	Polyester	Acrylic	200-500	60"	3.25		Y	N	1-2	N
Duracord	Trident Industrial Products Corp.	Polyester	Dyed-water Repellent, Urethane	60	60"	11 <sup>41</sup>	Assorted	Y	N	4	3
Ferrari® 392 Mesh	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	54	71"	26	White	Mesh	Mesh	10+	
Ferrari® 492 Mesh	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 1100 dtex	Preconstraint® PVC Biface	54	71"	29.4	White	Mesh	Mesh	10+	
Ferrari®-Stamoid SKCombi	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 550 dtex	Silicon Top, PVC Underside	32	72"	13.27	8	Y, light colors	Y, dark colors	10+	7
Ferrari®-Stamoid SKCover	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 280 dtex	Silicon Top, Nanotop Underside	54	72"	5.9	10	Y, light colors	Y, dark colors	10+	7
Ferrari®-Stamoid SKTop	Ferrari Textiles Corp.	Tersuisse® High Tenacity Polyester - 550 dtex	Silicon	54	72"	10.32	4 two-tone, snow white	Y, light colors	Y, dark colors	10+	7
Fleetboat	Bainbridge International Inc.	Dacron Polyester	Silicon	100	54"	5.8 <sup>41</sup>	White	Y	N	3-5	N
FXC-Poseiden	G&T Industries	Polyester			64"	7.66	7	N	Y		3 (Ltd.)
Harbor-Time®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Acrylic	50	62"	10.5 <sup>20</sup>	13	Varies with color	Y	5+	5 (Ltd.)
Heat Sealed Midship	J. Ennis Fabrics Ltd.		Polyvinyl Chloride	50	54"	25 <sup>41</sup>	23			3-5	1
Herculite Riviera Marine Fabric	Herculite Products Inc.	Polyester	PVC, Acrylic Top	50	62"	12.5 <sup>20</sup>	Snow White, White, Ivory	N	Y	5+	5
Marine One	Bondcote Corp.	Polyester	Vinyl	60	60"	9.25 <sup>41</sup>	15	N	Y	5+	5 (Ltd.)
Marine One MV8	Bondcote Corp.	Polyester	Vinyl	50	60"	8 <sup>41</sup>	White, Ivory, Cream, Black	N	Y	10+	5 (Ltd.)
Marine One MV13	Bondcote Corp.	Polyester	Vinyl	50	60"	13 <sup>41</sup>	White, Ivory, Cream, Black	N	Y	10	5 (Ltd.)

For more information, contact: Marine Fabricators Association  
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DURABILITY							HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
UV RESISTANT (hrs)	WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) <sup>2</sup>	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED INSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
800	100 <sup>2</sup>		60 x 40 <sup>35</sup>	380 x 300 <sup>48</sup>		>20,000 <sup>47</sup>	1% x 1.2%								
800 <sup>6</sup>	80+ <sup>4</sup>	N	24 x 20 <sup>35</sup>	420 x 330 <sup>49</sup>		6,600 <sup>42</sup>	<2% x <2%	1-2% x 1-2% <sup>38</sup>	Y, Vinyl	N	N	N	Y, with tape	N	Y
		Y <sup>83</sup>	15 x 15 <sup>35</sup>	144 x 117 <sup>49</sup>		70 x 110	2.54% x 1.17%		N	N	N	N	N	Y	Y
600 <sup>84</sup>	220 psi <sup>52</sup>		23 x 23 <sup>51</sup>	115 x 115					N	N	Y	Y	N	N	Y
		N	6 +/-2 x 6 +/-2 <sup>51</sup>	90+/-10 x 80+/-10 <sup>50</sup>										N	Y
	30 <sup>4</sup>	N	9 x 7, 12 x 9 <sup>82</sup>	180 x 150, 220 x 200 <sup>81</sup>			2-3%		N	N	N	N	N	N	N
1500 <sup>102</sup> , 2,200 <sup>7</sup>	40 <sup>5</sup>	Y <sup>64</sup>	12 x 8 <sup>35</sup>	285 x 170 <sup>49</sup>	1500+ g/24h. sqm	40,000 <sup>46</sup>			Y	N	Y	Y	Y	Y	Y
600 <sup>97</sup>	30 <sup>4</sup>	N	9 x 12 <sup>4</sup>	165 x 130 <sup>49</sup>	N		<2% x <2%	1-2% x 1-2%	Y, Acrylic	N	N	N	N	N	Y
		N			N		N	N	Y	Y	N	N	N	N	N
		Y <sup>95</sup> , Treated <sup>69</sup>	134 x 134 <sup>70</sup>	674 x 674 <sup>79</sup>					Y				Y	Y	Y
		Y <sup>69</sup> , <sup>95</sup>	224 x 123 <sup>70</sup>	889 x 562 <sup>79</sup>					Y				Y	Y	Y
Elab<3 <sup>88</sup> , <sup>98</sup>	Waterproof		56 x 44 <sup>70</sup>	517 x 405 <sup>79</sup>									Y, back-side only with tape	Y	Y
Elab<3 <sup>88</sup> , <sup>98</sup>	Waterproof		44 x 44 <sup>70</sup>	337 x 269 <sup>79</sup>										Y	Y
Elab<3 <sup>88</sup> , <sup>98</sup>	Waterproof		67 x 56 <sup>70</sup>	517 x 405 <sup>79</sup>										Y	Y
	24 <sup>4</sup>		8 x 7 <sup>36</sup>	130 x 80 <sup>49</sup>				2% x 2% <sup>38</sup>	N	N	N	Y	N	N	N
Pass <sup>100</sup>	100 m <sup>4</sup>	Y <sup>91</sup>	25.5 x 25.9 <sup>27</sup>	284 x 185 <sup>49</sup>		100,000 <sup>46</sup>		3.3% x 1.65%							
1,000 Kjs <sup>102</sup> , <sup>104</sup>	25 in <sup>4</sup> (minimum)	N	30 x 25 <sup>36</sup>	325 x 26 <sup>49</sup>	N		<1% x <1%	<1% x <1%	N	N	N	N	N	N	Y
1,500			47 x 69 <sup>34</sup>	471 x 397 <sup>20</sup>		30,000 double rubs							Y		
			11.4 x 11.7 <sup>35</sup>	248 x 221 <sup>49</sup>					N	N	N	N	N	Y	Y
1000 <sup>56</sup>	80+ <sup>2</sup>	Y <sup>91</sup>	30 x 25 <sup>35</sup>	470 x 380 <sup>49</sup>	N	12,000+ <sup>44</sup>	<2% x <2% <sup>29</sup>	1-2% x 1-2% <sup>100</sup>	Y	N	N	N	N	N	Y
1000 <sup>56</sup>	100+ <sup>2</sup>	N	15 x 15 <sup>35</sup>	175 x 150 <sup>49</sup>	N		<2% x <2% <sup>29</sup>	1-2% x 1-2% <sup>100</sup>	Y	N	N	N	Y	N	Y
1000 <sup>56</sup>	100+ <sup>2</sup>	N	15 x 15 <sup>35</sup>	175 x 150 <sup>49</sup>	N	12,000+ <sup>44</sup>	<2% x <2% <sup>29</sup>	1-2% x 1-2% <sup>100</sup>	Y	N	N	N	Y	N	Y

**Note:** Information provided in the 2009 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.

# 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 <sup>2</sup> )	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)
Marine One MV19	Bondcote Corp.	Polyester	Vinyl	50	60"	19 <sup>41</sup>	White, Black	N	Y	10	5 (ltd.)
Marine Topping	G&T Industries	Vinyl Film	Embossed Vinyl Laminate	60	55"	16 <sup>41</sup>	21 Solids			5-10	3
Marine Vinyl Expanded	G&T Industries	Polyester Knit	Vinyl	45	54"	29 <sup>41</sup>	100+			5-10	3
Mermaid Boat Cover	Trident Industrial Products Corp.	Polyester	Acrylic	60	60"	10 <sup>41</sup>	Assorted	N	Y	3	3
Midship	J. Ennis Fabrics Ltd.		Polyvinyl Chloride	50	54"	18.7 <sup>41</sup>	23			3-5	1
Mirage Headliner	G&T Industries	Cotton/Rayon	Polyurethane	32	54"	19 <sup>41</sup> , 20 <sup>41</sup>	20 Solids			5-10	3
Nautica Light	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered embossed	32, 65	86.5"	8.2 <sup>41</sup>	8	Y	N	5	5
Nautica Mainstream	Valmex (distributed by Mehler Technologies)	Polyester	PVC, lacquered & embossed	32, 65	59", 86.5"	12.7 <sup>41</sup>	7	Y	N	5	5
Nautica Mainstream Heavy	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered & embossed	65	80"	12.4 <sup>41</sup>	6	Y	N	5	5
Nautica Mainstream Plus	Valmex (distributed by Mehler Technologies)	Polyester	PVC, one side, lacquered & linen embossed	65	84.5"	11.8 <sup>41</sup>	Blue, Gray	Y	N	5	5
Nautimar®	S.A. Recasens	Polyester, A.T. 280 dtex	PVC coated, embossed on one side	65.64	86"	8.84 <sup>41</sup>	8	N	Y	5	5
NautiPlus®	S.A. Recasens	Polyester, A.T. 280 dtex	PVC coated, embossed on both sides	65.64	86"	12.68 <sup>41</sup>	Snow White, White	N	Y	5	5
Navatex®	Glen Raven Inc. (distributed by Tri Vantage LLC)	65% polyester, 35% cotton	Embossed Vinyl Laminate	40	54", 55"	16 <sup>41</sup>	White/Denim, Oyster/Denim	N	Y	3-5	3
Navigator Boat Topping	G&T Industries	Denier Solution Dyed Polyester	Polyurethane	100	60"	7	13	N	Y		3 (ltd.)
Odyssey III	MarChem CFI	Polyester	Acrylic	75	64"	6.5 <sup>41</sup>	18	N	Y	3-5	3
Outdura Trio®	Shuford Mills LLC	Solution Dyed Acrylic	DWR	55-60	60"	12.5 <sup>41</sup>	11	N	Y	6+	6
Outdura®	Shuford Mills LLC	Solution Dyed Acrylic	Fluorocarbon, Resins	55-60	60"	9.25 <sup>41</sup>	49	Y	Y	6+	6
Powerduck 45"	J. Ennis Fabrics Ltd.	65% polyester, 35% cotton		100	45"	10.5 <sup>41</sup>	29 pearl, 999 grey	Y	N		
Protecto Cover - 12	Vicar International	Polyester	Vinyl	75	61"	12 <sup>41</sup>	4	N	Y	3	N
Quality 341 Seamaster	Sattler/Nautex	Solution Dyed Acrylic	Water Repellent/TEXGARD	65	59"	8.85 <sup>74</sup>	12			5	5
Quality 344 Yachtmaster Premium	Sattler/Nautex	Solution Dyed Acrylic	Waterproof	65	59"	10.03 <sup>74</sup>	12			5	5
Quality 354 Yachtmaster Premium	Sattler/Nautex	Solution Dyed Acrylic	Waterproof	65	59"	10.03 <sup>74</sup>	12			5	5
Recacril Decorline®	S.A. Recasens	Solution Dyed Acrylic	Fluorocarbon/Resin	65	54"	8 <sup>41</sup>	19 solids, 7 stripes	N	Y	3	3
Recacril®	S.A. Recasens	Solution Dyed Acrylic	Water Repellent/Fluorocarbon/Resin	65	47", 60", 98"	9.25 <sup>41</sup>	58 solids, 78 stripes	N	Y	5	5

DURABILITY							HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
UV RESISTANT (hrs)	WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) <sup>2</sup>	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED INSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
1000 <sup>56</sup>	100+ <sup>2</sup>	N	115 x 80 <sup>35</sup>	420 x 420 <sup>49</sup>	N	15,000+ <sup>44</sup>	<2% x <2% <sup>29</sup>	1-2% x 1-2% <sup>100</sup>	Y	N	N	N	Y	N	Y
1,000 <sup>70</sup>	Y		9 x 8 <sup>61</sup>	140 x 100 <sup>36</sup>			0.005		N	N	N	N	N	N	Y
1,000 <sup>55</sup>	Y		39 x 37 <sup>100</sup>	101 x 74 <sup>36</sup>					N	N	N	N	N	N	N
Y	Y	N			N		N	N	Y	N	N	N	N	N	N
1,500			10 x 15	105 x 89 <sup>20</sup>		30,000 double rubs									
1,250 <sup>70</sup>	Y	Y <sup>62, 94, 95</sup>	Yes <sup>35</sup>	106 x 71 <sup>53</sup>		100,000 <sup>92</sup>			N	N	N	N	N	N	Y
	1.5 psi <sup>5</sup>		20 x 20 <sup>20</sup>	130 x 130 <sup>22</sup>					N	N	N	N	N	N	Y
	1.5 psi <sup>5</sup>		15 x 15 <sup>20</sup>	150 x 130 <sup>22</sup>					N	N	N	N	N	N	Y
	1.5 psi <sup>5</sup>		60 x 60 <sup>20</sup>	250 x 230 <sup>22</sup>					N	N	N	N	N	N	Y
	1.5 psi <sup>5</sup>		30 x 30 <sup>20</sup>	220 x 200 <sup>22</sup>					N	N	N	N	N	N	Y
	Waterproof		22.48 x 17.98 <sup>35</sup>	292.25 x 258.53 <sup>49</sup>	N				Y	Y	Y	Y	Y	N	Y
	Waterproof		11.24 x 11.24 <sup>49</sup>	292.25 x 292.25 <sup>35</sup>	N				Y	Y	Y	Y	Y	N	Y
1,000 <sup>55</sup>		N	9 x 8.5 <sup>36</sup>	170 x 160 <sup>49</sup>			0.5% x 0.25%	1-3% x 6-9%	Y	N	N	N	Y, >325 <sup>4</sup>	N	Y
600 <sup>1</sup>	13.30 <sup>4</sup>		58 x 47	405 x 234											
500 <sup>84</sup>	55.08 <sup>4</sup>	N	26 x 22 <sup>36</sup>	315 x 250 <sup>49</sup>	87 <sup>54</sup>	2,900 <sup>43</sup>	0% x <1% <sup>90</sup>	0% x 1.25% <sup>38</sup>	N	N	Yes	N	N	N	Y
1,500 <sup>104, 2,200<sup>102</sup></sup>	>1000 <sup>4</sup>	Class A Flammable	16.1 x 14.6 <sup>36</sup>	350 x 160 <sup>49</sup>	250 <sup>54</sup>	60,000 <sup>46</sup>			Y	N	Y	Y	Y	N	Y
1,500 <sup>1, 2,200<sup>102</sup></sup>	40+/-2 <sup>4</sup>	Class A Flammable	16 x 9.7 <sup>36</sup>	300 x 170 <sup>49</sup>		60,000 <sup>46</sup>	3% x 1%	1% x 3%	Y	N	Y	Y	Y	N	Y
							0.04								
1,000 <sup>57</sup>	Vinyl Surfaces	Treated <sup>91</sup>			N					N	Y	Y	Y	N	N
Grade Min 7 <sup>76</sup>	Grade 100 <sup>75</sup>		3 x 2.5 da/N <sup>78</sup>	140 x 100 daN/5cm <sup>77</sup>	37°C; 2,500 <sup>54</sup>		0.5 x 0.5 % <sup>72</sup>	25 x 20 % <sup>77</sup>						Y	Y
Grade Min 7 <sup>76</sup>	Grade 100 <sup>75</sup>		4.5 x 3.5 da/N <sup>78</sup>	160 x 110 daN/5cm <sup>77</sup>	37°C; 1,500 <sup>54</sup>		0.5 x 0.5 % <sup>72</sup>	35 x 25 % <sup>77</sup>						Y	Y
Grade Min 7 <sup>76</sup>	Grade 100 <sup>75</sup>		2.5 x 2.5 da/N <sup>78</sup>	170 x 110 daN/5cm <sup>77</sup>	37°C; 900 <sup>54</sup>		0.5 x 0.5 % <sup>72</sup>	35 x 25 % <sup>77</sup>						Y	Y
			20 x 12 <sup>35</sup>	335 x 121 <sup>48</sup>			0% x 0%	0% x 0%	N	N	N	N	N	N	Y
1,500 <sup>1, 2,200<sup>102</sup></sup>	>40 <sup>2</sup>		11.5 x 7.7 <sup>35</sup>	287 x 149 <sup>48</sup>		40,000 rubs <sup>45</sup>	0.1% x 0% <sup>89</sup>	0% x 0% <sup>37</sup>	Y	N	Y	Y	Y	N	Y

# 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 <sup>2</sup> )	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)
Recwater®	S.A. Recasens	Solution Dyed Acrylic	PVC, one side	65	59", 60"	17.4 <sup>41</sup>	13	N	Y	5	5
Regatta	Herculite Products Inc.	Polyester	PVC, Acrylic Top	50	62"	13.4 <sup>41</sup>	18	N	Y	5+	5
Regatta II	Herculite Products Inc.	Polyester	PVC, Vinyl Laminate	50	62"	12.5 <sup>41</sup>	5	N	Y	5	N
Sea-Spraé™	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Acrylic	75	64"	6.25 <sup>20</sup>	15	Varies with color	Y	3+	3 (ltd.)
Softouch	MarChem CFI	Polyester, Face & Backing	Acrylic	50	60"	11 <sup>41</sup>	18	N	Y	3-5	3
Soltis 86	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl	54	69.69"; limited 106"	11.17 <sup>41</sup>	23	Y	N	10 +/-	2
SRT Marine Vinyls	G&T Industries	Polyester, Non-Woven	Embossed Vinyl	50	54"	23.7	70+			5-10	3
Stamoid Heavy Cover 4313	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl, Top	32.8	102"	13.67 <sup>41</sup>	5	Y, light colors	Y, dark colors	10 +/-	5
Stamoid Light 4128	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl, Top	54.7	59", 80"	8.23	8	Y, light colors	Y, dark colors	10 +/-	5
Stamoid Open 4463	Ferrari Textiles Corp.	High Tenacity Polyester - 1100 dtex	Vinyl	32.8	72" (black only), 102"	19.1	Snow White, White, Ivory, Black	Y	Y, dark colors	10 +/-	5
Stamoid Top 3933	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl	32.8, 54.7, 59, 80	59", 80"	12.64	14	Y, light colors	Y, dark colors	10 +/-	5
Stamoid Tweed 4612	Ferrari Textiles Corp.	High Tenacity Polyester - 280 dtex	Vinyl	54.7	59"	12.64 <sup>41</sup>	Pearl White, Rock Grey, Beach Sand, Admiral Blue	Y, light colors	Y, dark colors	10 +/-	5
Stamskin Top F4340	Ferrari Textiles Corp.	High Tenacity Polyamide	PVC, Top	21.8	55"	23	41	N	Y	10 +/-	5
Sun & Sea	Vicar International	Polyester	Vinyl Surface	40	62"	15 <sup>41</sup>	15	Varies with color	Varies with color	5 (ltd.)	N
Sun King	Graniteville Specialty Fabrics	Polyester	Vinyl	125	60"	9.75	15	N	Y	3+	3
Sunbrella Awning/ Marine ®	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent Finish, Resins	60	46", 60", 80"	9 <sup>41</sup>	61	N	Y	5+	5
Sunbrella Awning/ Marine Shade ®	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Durable Water/ Stain Resistant	60	54"	6.5 <sup>41</sup>	6	Y, open weave	84% UVA/ UVB blockage	5+	3
Sunbrella View®	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent Finish, Resins	60	60"	7.8 <sup>41</sup>	12	Y	Y	5+	5
Sunbrella® Furniture - Canvas	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent Finish	60	54"	7.9 <sup>41</sup>	61	N	Y	5+	3
Sunbrella® Plus	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Water Repellent	60	60", 80"	10.4 <sup>41</sup>	15	N	Y	5+	5

DURABILITY							HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS		
UV RESISTANT (hrs)	WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) <sup>2</sup>	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	
1,500	148 <sup>2</sup>		15.8 x 7.6 <sup>35</sup>	357 x 198 <sup>48</sup>	N	40,000 rubs <sup>45</sup>	0.4% x 0%	0% x 0.6%	Y	Y	Y	Y	Y	N	Y	
			54 x 48 <sup>36</sup>	247 x 181 <sup>49</sup>		66 x 100	2.93% x 0%			N	N	N	N	N	Y	Y
			15 x 17 <sup>36</sup>	144 x 113 <sup>49</sup>		50 x 90	4.3% x 2.54%			N	N	N	N	N	Y	Y
1,000 Kjs <sup>102, 104</sup>	25 in <sup>4</sup> (minimum)	N	14 x 12 <sup>36</sup>	250 x 200 <sup>49</sup> (minimum)	N		<1% x <1%	<1% x <1%	N	N	N	N	N	N	Y	
500 <sup>84</sup>	102.8 <sup>74</sup>	N	36 x 30 <sup>36</sup>	325 x 263 <sup>49</sup>	90 m <sup>54</sup>	13,000 <sup>43</sup>	0% x 0% <sup>90</sup>	0% x 0% <sup>38</sup>	N	N	Y	N	N	N	Y	
	N	Inherent <sup>53, 95</sup>	101 x 44 <sup>36</sup>	497 x 359 <sup>49</sup>	Y		<0.5%		Y	Y	Y	Y	Y	Y	Y	
1,000 <sup>55</sup>	Y		15 x 10 <sup>67</sup>	100 x 110 <sup>36</sup>		3,000 <sup>65</sup>			N	N	N	N	N	N	Y	
	Waterproof		67 x 56 <sup>36</sup>	497 x 497 <sup>49</sup>	N		<0.5%		Y	Y	Y	Y	Y	Y	Y	
	Waterproof		15 x 15 <sup>36</sup>	224 x 224 <sup>49</sup>	N		<0.5%		Y	Y	Y	Y	Y	Y	Y	
	Waterproof		67 x 56 <sup>36</sup>	497 x 497 <sup>49</sup>	N		<0.5%		Y	Y	Y	Y	Y	Y	Y	
	Waterproof		13 x 15 <sup>36</sup>	269 x 269 <sup>49</sup>	N		<0.5%		Y	Y	Y	Y	Y	Y	Y	
	Waterproof		13 x 15 <sup>36</sup>	269 x 269 <sup>49</sup>	N		<0.5%		Y	Y	Y	Y	Y	Y	Y	
2000 <sup>97</sup>	Waterproof	Inherent, FAA-Horizontal, UFAC-Fabric <sup>60, 61, 91, 102</sup>	>25 x >15	440 x 280 daN/5cm		120,000 <sup>93</sup>		>35% x >55%	Y	Y	Y	Y	Y	Y	Y	
1,000 <sup>57</sup>	350 psi <sup>4</sup>	Treated <sup>67, 68, 95</sup>	44 x 44 <sup>21</sup>	165 x 145 <sup>21</sup>	N		0% x 0%		Y, Vinyl	Y	Y	Y	Y	N	Y	
600 <sup>97</sup>	90+ <sup>4</sup>	N	22 x 22 <sup>36</sup>	450 x 350 <sup>49</sup>	N	6,600 <sup>43</sup>	<2% x <2%	1-2% x 1-2% <sup>38</sup>	Y, Vinyl	N	N	N	N	N	Y	
1500 <sup>102, 2,200<sup>7</sup></sup>	45+ <sup>2</sup>	Y <sup>64</sup>	12 x 8 <sup>35</sup>	285 x 180 <sup>49</sup>	1500+ g/24h. sqm	40,000+ <sup>46</sup>			Y	N	Y	Y	Y	Y	Y	
1500 <sup>102, 2,200<sup>7</sup></sup>	Water/stain resistant finish	Y <sup>64</sup>	30 x 30 <sup>35</sup>	210 x 180 <sup>49</sup>	1500+ g/24h. sqm	40,000+ <sup>46</sup>			Y	N	N	Y	N	Y	Y	
1500 <sup>102, 2,200<sup>7</sup></sup>		Y <sup>64</sup>	12 x 8 <sup>35</sup>	200 x 120 <sup>49</sup>	300+ g/24h. sqm	40,000+ <sup>46</sup>			Y	N	Y	Y	Y	Y	Y	
1500 <sup>102, 2,200<sup>7</sup></sup>		Y <sup>64</sup>	15 x 12h <sup>35</sup>	270 x 140 <sup>49</sup>	1500+ g/24h. sqm	15,000 <sup>46</sup>			Y	N	Y	Y	Y	Y	Y	
1500 <sup>102, 2,200<sup>7</sup></sup>	100+ <sup>5</sup>	Y <sup>64</sup>	14 x 8 <sup>36</sup>	285 x 180 <sup>49</sup>	250+ g/24h. sqm	40,000 <sup>46</sup>			Y	N	Y	Y	Y	Y	Y	

# 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 <sup>2</sup> )	COLORS AVAILABLE	TRANSLUCENCY	OPAQUE	LIFE EXPECTANCY (yrs)	WARRANTY, DURATION (yrs)
Sunbrella® Supreme	Glen Raven Custom Fabrics LLC	Solution Dyed Acrylic	Waterproof Barrier	40	60"	13 <sup>41</sup>	8	N	Y	5+	5
Sundown	Covin Sales & Coverting	Solution Dyed Acrylic	Fluorocarbon with Teflon®	55, 65	60", 47"	9 <sup>41</sup>	48 (47"), 30 (60")	Y	N	10	5
Sundown Acrilplas	Covin Sales & Coverting	Solution Dyed Acrylic	Fluorocarbon with Teflon®, PVC Coated	55	60"	15 <sup>41</sup>	5	Y	N		5
Sunsation	Trident Industrial Products Corp.	Polyester	Solvent based urethane	60	60"	9 <sup>41</sup>	Assorted	N	Y	5+	5
SurLast®	Glen Raven Custom Fabrics LLC	Solution Dyed Polyester	Water Repellent/ Urethane	100	60"	7 <sup>41</sup>	18	N	Y	3+	3
Tempotest Malmoe Resinato®	PARA' S.p.A.	Solution Dyed Acrylic	Acrylic Resin, Teflon	65	60"	9.15 <sup>41</sup>	15	N	Y	8+	8
Tempotest® Marine	PARA' S.p.A.	Solution Dyed Acrylic	Teflon	65	60"	8.9 <sup>41</sup>	28	N	Y	8+	8
Top Gun	MarChem CFI	Polyester	Acrylic	50	62"	11 <sup>41</sup>	20	N	Y	5-10	5
Top Notch	MarChem CFI	Solution-dyed	Fluorocarbon finish	50	60"	11.5 <sup>41</sup>	12	N	Y	5-10	5
Topsysey	MarChem CFI	Polyester	Acrylic	50	60"	8.65 <sup>41</sup>	13	N	Y	3-8	3
Tri-Flame	Trident Industrial Products Corp.	Polyester/Cotton	Vinyl	60	60"	12 <sup>41</sup>	White, Gray, Tan	N	Y	3	3
Triton®	Glen Raven Inc. (distributed by Tri Vantage LLC)	Polyester	Vinyl	100	60"	6 <sup>41</sup>	5	N	Y	3	3
TVF 600D Solution Dyed Polyester	Top Value Fabrics Inc.	Solution Dyed Polyester Woven	Durable Water Repellent, Pu coated	60	60"	8.69 <sup>41</sup>	11	N	Y	3	1 (Ltd.)
Uni-Cover	Vicar International	Polyester	Vinyl Surface	125	57"	8 <sup>41</sup>	16	Varies with color	Varies with color	2	N
Vantage	Graniteville Specialty Fabrics	Polyester	Acrylic	100	64"	6	14	N	Y	3+	3
Vinyl Sport Topping	G&T Industries	65% Polyester, 35% Cotton		60	55"	15.9	15	N	Y		3 (Ltd.)
Weather Pro	J. Ennis Fabrics Ltd.	Cotton Duck	Water Repellent	50	36", 60"	11 <sup>41</sup>	Pearl Grey, Clear, Bronze & Steel Grey	N	N	2	2
WeatherMax 80	Safety Components Fabric Technologies	Polyester	HydroMax	75	60"	8 <sup>41</sup>	20	Varies with color	Varies with color	8-12	5
WeatherMax FR	Safety Components Fabric Technologies	Polyester	HydroMax	65	60"	9.0 <sup>41</sup>	9	Varies with color	Varies with color	10-15	5
WeatherMax LT	Safety Components Fabric Technologies	Polyester	HydroMax	100	60"	6.5 <sup>41</sup>	10+	Varies with color	Varies with color	5-8	3
Wild One	Graniteville Specialty Fabrics	Polyester	Vinyl	200-500	60"	3.5	3	Y	N	1-2	N

DURABILITY							HANDLING		GRAPHICS COMPATIBILITY					SUPPORT MATERIALS	
UV RESISTANT (hrs)	WATER REPELLENCY (cm) (hydrostatic)	FLAME RESISTANT	TEAR STRENGTH (lb/in)	TENSILE STRENGTH (lb/in) <sup>2</sup>	BREATHABILITY (gm/m)	ABRASION (cycles)	SHRINKAGE	STRETCH (ELONGATION)	SILK SCREENING	SUBLIMATION/ TRANSFER PRINT	APPLIQUE	PRESSURE SENSITIVE VINYL	HEAT-SEALED INSET FABRIC	FABRICATION/ TECHNICAL MANUAL	SPECIFICATION SHEET AVAILABLE
1,500 <sup>102, 2,200</sup> <sup>7</sup>	500+ <sup>5</sup>	Y <sup>64</sup>	10 x 6 <sup>36</sup>	250 x 150 <sup>49</sup>	200+ g/24h. sqm	40,000+ <sup>46</sup>			Y	N	Y	Y	Y	Y	Y
	300 mm			140 x 95 daN/5cm					Y	N	Y	Y	Y	N	Y
	Waterproof			140 x 95 daN/5cm					Y	N	Y	Y	Y	N	Y
Y	Y	N													Y
1,500 <sup>7</sup>	90+ <sup>2</sup>	N	40 x 35 <sup>35</sup>	325 x 275 <sup>49</sup>		50,000 <sup>68</sup>			Y	Y	Y	Y	Y	N	Y
2,000 <sup>102</sup>	>1000 mm <sup>4</sup>	N	9 x 6 <sup>36</sup>	200 x 100 <sup>49</sup>	37°C; 500 gr/ mt <sup>2</sup>	>40,000 <sup>68</sup>	0.5% x 0.5%	0.5% x 0.5% <sup>38</sup>	N	N				Y	Y
2,000 <sup>102</sup>	>300 mm <sup>4</sup>	N	9 x 6 <sup>36</sup>	200 x 100 <sup>49</sup>	37°C; 500 gr/ mt <sup>2</sup>	>40,000 <sup>68</sup>	0.5% x 0.5%	0.5% x 0.5% <sup>38</sup>	N	N				Y	Y
500 <sup>84</sup>	56.31 <sup>4</sup>	N	43 x 30 <sup>36</sup>	500 x 388 <sup>49</sup>	116 <sup>43</sup>	16,000 <sup>23</sup>	0% x <1% <sup>90</sup>	0% x 0% <sup>38</sup>	N	N	Y	N	N	N	Y
500 <sup>84</sup>	38.10 <sup>4</sup>	N	65 x 60 <sup>36</sup>	732 x 432 <sup>49</sup>	645 <sup>54</sup>	600 <sup>23</sup>	0% x 0% <sup>90</sup>	0% x 0% <sup>38</sup>	Y, Solvent Inks	Y	Y	Y	Y	N	Y
500 <sup>84</sup>	48.26 <sup>4</sup>	N	30 x 29 <sup>36</sup>	401 x 290 <sup>49</sup>	685 <sup>4</sup>	10,000 <sup>23</sup>	0% x <1% <sup>90</sup>	0% x <1% <sup>38</sup>	N	N	Y	N	N	N	Y
Y	Y	Y <sup>68</sup>			N				Y	Y	N	N	N	N	N
1,500 <sup>97</sup>	90+ <sup>4</sup>		17 x 15 <sup>36</sup>	280 x 190 <sup>49</sup>	N	2,100 <sup>23</sup>	<2% x 2%	1-2% x 1-2% <sup>38</sup>	Y, Vinyl Receptive	N	N	N	Y, with tape	N	N
800 <sup>1</sup>	69.08 <sup>4</sup>		22.9 x 16.6 <sup>36</sup>	409.44 x 283.51 <sup>49</sup>		>800 <sup>68</sup>			Y	Y	Y	N	Y	N	Y
500 <sup>57</sup>	Vinyl Surfaces	Treated <sup>91</sup>			N				Y	Y	Y	Y	Y	N	Y
6009 <sup>7</sup>	80 <sup>4</sup>	No	15 x 14 <sup>36</sup>	290 x 190 <sup>49</sup>	N	2,100 <sup>23</sup>	<2% x <2%	1-2% x 1-2% <sup>38</sup>	Y, Acrylic	N	N	N	N	N	Y
1,000 <sup>55</sup>		N	9 x 8 <sup>36</sup>	140 x 100 <sup>49</sup>			0.5% x 0.5%	1-3% x 3-6%							
	340 <sup>4</sup>		30+/-1 x 27+/-2 <sup>35</sup>	1054+/-23 x 802+/-51 <sup>49</sup>	398.67 <sup>54</sup>			0% x 0.8% <sup>38</sup>						N	Y
1,500 <sup>7</sup>	65 <sup>2</sup>		20 x 18 <sup>35</sup>	490 x 390 <sup>48</sup>	1.3 cfm <sup>18</sup>	600 <sup>75</sup>			Y	Y	Y	Y	Y	Y	Y
1,500 <sup>7</sup>	90+ <sup>2</sup>	Inherent <sup>63, 67, 69, 95, 96</sup>	13 x 15 <sup>35</sup>	490 x 390 <sup>48</sup>	0.2 cfm <sup>18</sup>	600 <sup>75</sup>			Y	Y	Y	Y	Y	Y	Y
1,500 <sup>7</sup>	55 <sup>2</sup>		15 x 10 <sup>35</sup>	480 x 270 <sup>48</sup>	1.8 cfm <sup>18</sup>	600 <sup>75</sup>			Y	Y	Y	Y	Y	N	Y
6009 <sup>7</sup>	90 <sup>4</sup>	N	6 x 6 <sup>4</sup>	195 x 140 <sup>49</sup>	N		<2% x <2%	1-2% x 1-2% <sup>38</sup>	Y, Vinyl	N	N	N	N	N	Y

# 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 <sup>2</sup> )	COLORS AVAILABLE	LIFE EXPECTANCY (yrs)	ULTRAVIOLENT RESISTANCE (hrs)
Aqua-View	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	20	30, 60	54"	1.8	Clear, Smoke Tint		1000 <sup>57</sup>
Aqua-View	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	30	19, 38	54"	1.75	Clear, Smoke Tint		1000 <sup>57</sup>
Aqua-View	Manart-Hirsch Co. Inc.	Polyvinylchloride/PVC	Double polished	40	15	54"	2.34	Clear, Smoke Tint		1000 <sup>57</sup>
Clear Polishing Vinyl	Trident Industrial Products Corp.	PVC	No	10-40		54"		Clear		
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	12	50	54"	.67	Clear		1000
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	16	30, 75	54"	.90	Clear		1000
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished	20	35, 60	54"	1.10	Clear, Tint		1000
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished/laminated	30	20, 40	54"	1.66	Clear, Tint		1000
Crystal Clear	Vicar International	PVC Vinyl Film	Super double polished/laminated	40	15	54"	2.22	Clear		1000
Double Polish Clear	Bruin Plastics Co. Inc.	DPC PVC	Double polished	.020 +/- .002"	60	54"	20 +/- 2 1/2 oz/y	Clear	>5	>1200 <sup>104</sup>
Marine Clear 2000	Robeco	Vinyl Film	Extruded	30	20	54"	1.71	Clear		1000
Marine Clear 2000	Robeco	Vinyl Film	Extruded	40	14.35	54"	1.91	Clear		1000
Super Clear	J. Ennis Fabrics Ltd.	Polyvinylchloride	Double polished	16, 20, 30 gge	Various	54"	Various	Clear, Grey	1	1000
UV Marine Grade	Robeco	Vinyl Film	Double polished	20	30, 60	54"	1.1	Clear, Tints		1000
UV Marine Grade	Robeco	Vinyl Film	Double polished	30	20, 40	54"	1.66	Clear		1000
UV Marine Grade	Robeco	Vinyl Film	Double polished	40	15, 30	54"	1.66	Clear, Tints		1000

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	N	Special Order	<5% MD, >2% TD <sup>28</sup>	410 MD, 370 TD <sup>28</sup>	See material data sheets	<20°F <sup>30</sup>	N	Y	N	N	Y	N
<10% UVB, <15% UVA	0.9	N	Special Order	<5% MD, >2% TD <sup>28</sup>	418 MD, 390 TD <sup>28</sup>	See material data sheets	<20°F <sup>30</sup>	N	Y	N	N	Y	N
<10% UVB, <15% UVA	0.9	N	Special Order	<5% MD, >2% TD <sup>28</sup>	427 MD, 410 TD <sup>28</sup>	See material data sheets	<20°F <sup>30</sup>	N	Y	N	N	Y	N
<10% closing	0.9	N	MV SS302 <sup>15</sup>	<2% <sup>28</sup>			<11°F <sup>31</sup>	Y	Y	Y	N	Y	N
<10% closing	0.9	N	MV SS302 <sup>15</sup>	<2% <sup>28</sup>			<11°F <sup>31</sup>	Y	Y	Y	N	Y	Y
<10% closing	0.9	N	MV SS302 <sup>15</sup>	<2% <sup>28</sup>		3400-3600	<11°F <sup>31</sup>	Y	Y	Y	N	Y	Y
<10% closing	0.9	N	MV SS302 <sup>15</sup>	<2% <sup>28</sup>		3600-3800	<11°F <sup>31</sup>	Y	Y	Y	N	Y	Y
<10% closing	0.9	N	MV SS302 <sup>15</sup>	<2% <sup>28</sup>		3000	<11°F <sup>31</sup>	Y	Y	Y	N	Y	Y
	>85%		N				<30°F	Solvent base ink only	Y	Y			
<26% below 400 nm			Special Order	<4.5% MD, >2% TD (at 100°C)	41 MD, 39 TD <sup>26</sup>	3400-3500	<5° <sup>31</sup>	Y	Y	Y	N	Y	N
<26% below 400 nm			Special Order	<3.5% MD, >1% TD (at 100°C)	116 MD, 109 TD	3500-3800	<5° <sup>31</sup>	Y	Y	N	N	Y	N
				0.05		3600-3800 <sup>23</sup>	<20°C					Y	Y
<26% below 400 nm			Special Order	<4% MD, >3% TD (at 100°C)	300 MD, 400 TD	3600	<5° <sup>31</sup>	Y	Y	N	N	Y	N
<26% below 400 nm			Special Order	<3% <sup>28</sup>	380-410 lbs/in	3600-3800	<5° <sup>31</sup>	Y	Y	N	N	Y	N
<26% below 400 nm			Special Order	<2% <sup>28</sup>	300-400 lbs/in	3000-3500	<5° <sup>31</sup>	Y	Y	N	N	Y	N

# 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 <sup>2</sup> )	COLORS AVAILABLE	LIFE EXPECTANCY (yrs)	SCRATCH RESISTANCE	HARDNESS SHORE A	TENSILE STRENGTH (PSI)	TEAR STRENGTH (PSI)
Aqua-Lite	Manart-Hirsch Co. Inc.	Poly-carbonate	Gloss, 2 sides	30	48" x 96"	1.58	Clear, Smoke Tint				9,000 <sup>16</sup>	6,000 <sup>17</sup>
Aqua-Lite SR	Manart-Hirsch Co. Inc.	Poly-carbonate	Gloss, 2 sides	60	48" x 96"	3.15	Clear, Smoke Tint		Yes (AR-2)		9,000 <sup>16</sup>	6,000 <sup>17</sup>
Aqua-View	Manart-Hirsch Co. Inc.	PVC	N	20, 30, 40, 60	54" x 110"	37 oz at 40 mil	Clear, Bronze, Smoke Tint, Extra Dark Smoke Tint	2-5			28.5 Mpa <sup>71</sup>	
Clear Polishing Vinyl	Trident Industrial Products Corp.	PVC	N	10 - 40	54"		Clear	2	N			
Regalite	O'Sullivan Films	PVC	Optical grade press polished	20, 30, 40, 50	54" x 110", 29" x 68", 24" x 54"	gauge dependent	Clear, Smoke, Dark Smoke, Gray, Charcoal	3-6+, care & exposure dependent	<0.2% wt loss <sup>11</sup>	90 +/-5	4,000 <sup>14</sup>	750 ppi <sup>25</sup>
Strataglass	Strataglass Ltd.	PVC	Urethane	20, 27, 30, 40, 60	53.5" x 110"	depends on thickness	Clear, Light Smoke, Dark Smoke, Green	3-6+, care & exposure dependent	10,000 cycles <sup>40, 45</sup>	90 <sup>33</sup>	3943.7 <sup>23</sup>	3007.4 <sup>23</sup>
Ultralite	O'Sullivan Films	PVC	Optical grade press polished	40, 50, 60, 80	29" x 68", 29" x 62", 24" x 54"	gauge dependent	Clear, Green	3-6+, care & exposure dependent	<0.2% wt loss <sup>11</sup>	90 +/-5	4,000 <sup>14</sup>	750 ppi <sup>25</sup>

## Instructions for use

This guide lists fabrics manufactured and distributed by the companies listed here. **Highlighted** companies support *Marine Fabricator* through advertising.

## Participating Companies

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www.bainbridgeint.com

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www.bondcote.com

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www.bruinplastics.com

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www.covinsales.com

Ferrari Textiles Corp.  
www.stamoidmarine.com

G&T Industries  
www.gtindustries.com

**Glen Raven Custom Fabrics LLC**  
www.glenraven.com

Graniteville Specialty Fabrics  
www.graniteville.net

Herculite Products Inc.  
www.herculite.com

J. Ennis Fabrics  
www.jennisfabrics.com

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

MarChem CFI  
www.marchemcfi.com

Mehler Technologies  
www.mehler-technologies.com

**O'Sullivan Films**  
www.osul.com

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

S.A. Recasens  
www.recasens.com

**Robeco/Ascot Products**  
www.robecoinc.com

**Safety Components Fabric Technologies Inc.**  
www.safetycomponents.com

**Sattler AG**  
www.sattler-corp.com

Shuford Mills LLC  
www.outdura.com

Strataglass Ltd.  
www.strataglass.com

Top Value Fabrics  
www.tvfinc.com

Trident Industrial Products Corp.  
www.tridentfabrics.com

**TriVantage 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/MSDS SHEET AVAILABLE	WARRANTY/ CONTACT INFORMATION AVAILABLE
			88% <sup>24</sup>							V-2 UL94	<200°F <sup>19</sup>	<200°F <sup>19</sup>		Y	Y	Y
			88% <sup>24</sup>							V-2 UL94	<200°F <sup>19</sup>	<200°F <sup>19</sup>		Y	Y	Y
1500 hrs <sup>101</sup>		Y <sup>24</sup>		1.2 <sup>24</sup>	60%73	Y <sup>85</sup>	30,000	= to 1yr Fla	25 cycles using CS-10F		N <sup>97</sup>	<21°C <sup>19</sup>	7 days at 85°C	N	N	N
						N										
300% <sup>14</sup>	1,000 <sup>58</sup>	306 mj <sup>10</sup>	Tint dependent <sup>24</sup>	Tint dependent	Tint dependent <sup>24</sup>		30,000 <sup>86</sup>	= to 3 yrs S Fla	<0.2% wt loss <sup>11</sup>	Inherently self-extinguishing <sup>12</sup>	-40°F <sup>99</sup>	<30°F <sup>19</sup>	1% max @ 100°C <sup>29</sup>	N	Y	Y
241.6% <sup>23</sup>	2,000 <sup>59</sup>		88.8% <sup>8</sup>	30% UVA, 0% UVB	Max <sup>24</sup>		30,000 <sup>85</sup>		10,000 cycles <sup>40, 45</sup>	Self extinguishing <sup>9</sup>	No cracks at <0°F <sup>87</sup>	<0°F	machine directional <3.9, cross machine <.08	N	Y	Y
300% <sup>14</sup>	1,000 <sup>58</sup>	306 mj <sup>10</sup>	Tint dependent <sup>24</sup>	Tint dependent	Tint dependent <sup>24</sup>		30,000 <sup>86</sup>	= to 3 yrs S Fla	<0.2% wt loss <sup>11</sup>	Inherently self-extinguishing <sup>12</sup>	-40°F <sup>99</sup>	<30°F <sup>19</sup>	1% max @ 100°C <sup>29</sup>	N	Y	Y

## Test Methods

- AATCC 16
- AATCC 127
- AATCC 127-85
- AATCC 127-85, 95
- AATCC 127-1988
- AATCC 169-88, 95
- AATCC 169-2003
- ANZI 26.1, Test 2
- ANZI 26.1, Test 5.23
- ANZI 26.1, Test 16
- ANZI 26.1, Text 17
- ANZI 26.1, Test 23
- AS/NZS 4399
- ASTM D412
- ASTM D568
- ASTM D638
- ASTM D732
- ASTM D737
- ASTM D746
- ASTM D751
- ASTM D751-79
- ASTM D751-B
- ASTM D882
- ASTM D1003
- ASTM D1004
- ASTM D1004-66
- ASTM D1117
- ASTM D1204
- ASTM D1204-02
- ASTM D1790
- ASTM D1790-94
- ASTM D1966
- ASTM D2240
- ASTM D2251
- ASTM D2261
- ASTM D2261-7.01, 83
- ASTM D2594
- ASTM D2594-72
- ASTM D3107
- ASTM D3597
- ASTM D3776, Method C
- ASTM D3881
- ASTM D3884
- ASTM D3994-92
- ASTM D4157
- ASTM D4157-92
- ASTM D4966
- ASTM D5034
- ASTM D5034-95
- ASTM D5100
- ASTM D5134
- ASTM D5512
- ASTM E84
- ASTM E96, Procedure B
- ASTM G25-75
- ASTM G26
- ASTM G53
- ASTM G154
- ASTM G145-00
- BFD 1X-1
- BIFMA
- BS 7837-Method 2205
- CA117E
- Cal TB117 CS 191-53 Class 1
- CFAA 1
- CFAA 17
- CPAI84
- CSFM
- CSFM Title 19
- DIN 53363
- DIN 53455
- DIN 53892-2
- DIN 75201
- DIN EN 12127
- DIN EN 24920
- DIN EN ISO 105-B02
- DIN EN ISO 13934-1
- DIN EN ISO 13937-2
- EN ISO 1421
- FBIM 59-5
- FED STD 191-5100
- FED STD 191-5134
- FED STD 191-5903
- FED STD 191A-5804
- FLTM BN 2-2
- FLTM BN 102-02
- FLTM 59-5
- Lamp UVA 340/2
- Method 5804
- MCFI
- MVSS 302
- NF EN ISO 1421
- NF EN ISO 12947-2
- NFPA 260-Class A
- NFPA 701
- NFPA 701:2004
- QUV
- QUV Test T30-036
- SAE J323, 75" Mandrel
- SAE J855
- SAE J1855
- SAE J1960
- Tabor 500-H18
- Xenon Weatherometer