





AVAILABILITY LIST

(METRIC)

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PROFILE	DIMENSION (mm)	THICKNESS (mm)	LENGTH (m)	kg per lin. m	SERIES			
					500	525	600	625
 ANGLE	25.4 x 25.4	3.18	6.1	0.25		✓		
	31.75 x 31.75	3.18	6.1	0.33				
		4.76	6.1	0.52				
	38.1 x 38.1	3.18	6.1	0.42		✓		
		4.76	6.1	0.61				
	50.8 x 50.8	6.35	6.1	0.74	✓	✓		✓
		3.18	6.1	0.55				
		4.76	6.1	0.83	✓	✓		
	66.68 x 41.28	6.35	6.1	1.09	✓	✓		✓
		4.76	6.1	0.91				
	76.2 x 25.4	4.76	6.1	1.00				
	76.2 x 76.2	6.35	6.1	1.68	✓	✓		✓
		9.53	6.1	2.47	✓	✓		✓
	101.6 x 38.1	4.76	6.1	1.22				
	101.6 x 101.6	6.35	6.1	2.29	✓	✓		✓
		9.53	6.1	3.44	✓	✓		✓
	117.48 x 41.28	12.7	6.1	4.26		✓		✓
		4.76	6.1	1.37				
	127 x 127	12.7	6.1	5.89				
	152.4 x 41.28	4.76	6.1	1.67				
	152.4 x 152.4	6.35	6.1	3.50		✓		
		9.53	6.1	5.12		✓		
		12.7	6.1	6.91		✓		
 I-BEAM	168.28 x 41.28	4.76	6.1	1.80				
	203.2 x 41.28	4.76	6.1	2.75				
	50.8 x 25.4	3.18	6.1	0.506				
	76.2 x 38.1	6.35	6.1	1.65				
	101.6 x 50.8	6.35	6.1	2.20				
	139.7 x 63.5	6.35	6.1	2.90				
	152.4 x 76.2	6.35	6.1	3.44				
		9.53	6.1	5.04				
	152.4 x 101.6	6.35	6.1	4.11				
	203.2 x 101.6	9.53	6.1	6.86		✓		
		12.7	6.1	8.97				
	254 x 127	9.53	6.1	8.60				
		12.7	6.1	11.3				
	304.8 x 152.4	6.1	7.3	13.8		✓		
		12.7	7.3	13.8		✓		
	457.2 x 9.53 x 114.3 x 12.7		6.1	12.4				
	457.2 x 12.7 x 203.2 x 19.05		6.1	25.55				
	609.6 x 9.53 x 190.5 x 19.05		7.3	24.88				

✓ : Denotes an item normally kept in inventory, but availability may vary.
 NOTE: Inventory of unchecked items may be available due to overruns.

EXTREN®


FIBERGLASS STRUCTURAL SHAPES & PLATE

Series 500 - Polyester resin, olive green

Series 525 - Polyester resin, flame retardant, slate gray

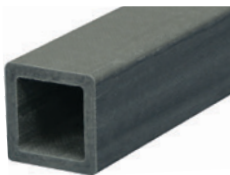
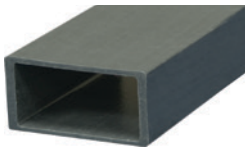
Series 600 - Vinyl Ester resin, light gray

Series 625 - Vinyl Ester resin, flame retardant, beige

PROFILE	DIMENSION (mm)	THICKNESS (mm)	LENGTH (m)	kg per lin. m	SERIES			
					500	525	600	625
 WIDE FLANGE BEAM	50.8 x 50.8	3.18	6.1	0.77				
	76.2 x 76.2	6.35	6.1	2.51	✓	✓		
	101.6 x 101.6	6.35	6.1	3.30	✓	✓		✓
		9.53	6.1	4.95				
	152.4 x 152.4	6.35	6.1	5.24	✓	✓		✓
		9.53	6.1	7.63	✓	✓		✓
	203.2 x 203.2	9.53	6.1	10.37		✓		✓
		12.7	6.1	13.74		✓		✓
	254 x 254		6.1	13.07				
		9.53	9.75	13.07				
		12.7	6.1	17.30				
			6.1	20.80				
 CHANNEL	304.8 x 304.8	12.7	7.3	20.80				
	38.1 x 25.4	4.76	6.1	0.685				
	38.1 x 38.1	6.35	6.1	1.12				
	50.8 x 14.29	3.18	6.1	0.387				
	50.8 x 22.23	6.35	6.1	0.967				
	66.68 x 3.18 x 31.75 x 4.76		6.1	0.923				
	76.2 x 22.23	6.35	6.1	1.15	✓	✓		
	76.2 x 25.4	4.76	6.1	1.01				
	76.2 x 38.1	6.35	6.1	1.56				
	88.9 x 38.1	4.76	6.1	1.31				
	101.6 x 26.99	3.18	6.1	0.863				
	101.6 x 28.58	6.35	6.1	1.65		✓		
	101.6 x 34.93	4.76	6.1	1.40				
	127 x 34.93	6.35	6.1	2.08				
	139.7 x 38.1	4.76	6.1	1.77				
		6.35	6.1	2.31				
	152.4 x 41.28	4.76	6.1	1.67				
		6.35	6.1	2.50	✓	✓		✓
	152.4 x 42.86	9.53	6.1	3.66				
	203.2 x 55.56	6.35	6.1	3.45		✓		
		9.53	6.1	5.07	✓	✓		✓
	254 x 69.85		6.1	8.18		✓		✓
		12.7	7.3	8.18		✓		✓
	304.8 x 76.2		6.1	9.37				
		12.7	7.3	9.37		✓		
	355.6 x 88.9	19.05	6.1	16.7				
	457.2 x 55.56	4.76	6.1	5.77				
	609.6 x 76.2	6.35	6.1	2.65				

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PROFILE	DIMENSION (mm)	THICKNESS (mm)	LENGTH (m)	kg per lin. m	SERIES			
					500	525	600	625
 ROUND TUBE	25.4	3.18	6.1	0.372				
	31.75	3.18	6.1	0.476				
	38.1	3.18	6.1	0.670				
		6.35	6.1	1.18				
	44.45	3.18	6.1	0.699				
		6.35	6.1	1.40				
	50.8	3.18	6.1	0.893				
		6.35	6.1	1.67	✓	✓		
	63.5	6.35	6.1	2.13		✓		
	76.2	6.35	6.1	2.53				
	88.9	3.56	6.1	1.80				
	101.6	6.35	6.1	3.51				
	127	6.35	6.1	4.58				
	152.4	3.18	6.1	2.86				
		6.35	6.1	5.60				
 SQUARE TUBE	25.4	3.18	6.1	0.476	✓	✓		
	31.75	3.18	6.1	0.610				
	38.1	3.18	6.1	0.744	✓	✓		
		6.35	6.1	1.46				
	44.45	3.18	6.1	0.952				
		6.35	6.1	1.77				
	50.8	3.18	6.1	1.10				
		6.35 ‡	6.1	2.08	✓	✓		
	63.5	6.35	6.1	2.66				
	76.2	3.18	6.1	1.73				
		6.35	6.1	3.27	✓	✓		✓
		9.53	6.1	4.62				
	88.9	6.35	6.1	3.85				
	101.6	6.35	6.1	4.58	✓	✓		✓
		9.53	6.1	6.49		✓		
	152.4	9.53	6.1	9.66		✓		
	254	15.88	6.1	32.14				
 RECTANGULAR TUBE	63.5 x 41.28	3.18	6.1	1.12				
	101.6 x 3.18 x 50.8 x 6.35		6.1	2.26	✓	✓		✓
	139.7 x 88.9	6.35	6.1	4.81				
	165.1 x 6.35 x 50.8 x 12.7		6.1	5.61				
	177.8 x 101.6	6.35	6.1	6.10				
		4.76	6.1	6.95				
	228.6 x 152.4	7.94	6.1	10.40				
		11.11	6.1	14.30				

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‡ Also stocked in Series 525 yellow

EXTREN®

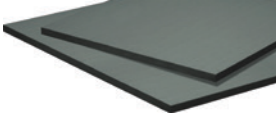
FIBERGLASS STRUCTURAL SHAPES & PLATE

Series 500 - Polyester resin, olive green

Series 525 - Polyester resin, flame retardant, slate gray

Series 600 - Vinyl Ester resin, light gray





Series 625 - Vinyl Ester resin, flame retardant, beige

PROFILE	DIMENSION (m)	THICKNESS (mm)	kg per sq. m	SERIES			
				500	525	600	625
 PLATE	1.22 x 2.44	3.18	5.57	✓	✓		✓
		4.76	8.35		✓		
		6.35	11.42	✓	✓		✓
		9.53	18.86	✓	✓		
		12.7	22.85	✓	✓		✓
		15.88	28.27				
		19.05	33.88	✓	✓		✓
		25.4	45.26		✓		

EXTREN® plate is a commonly stocked item and is usually available on short notice. Stock size is 1.22m x 2.44m. Some stock 1.22m width x 3.05m or 3.66m lengths may be available. 1.52m wide plate is also available, non-stocked. Other sizes are available and will be quoted upon request.

SPECIAL COMPOSITE SHAPES










All special composite shapes are non-stocked items unless otherwise noted; however, tooling is available.

PROFILE	NAME	SIZE (mm)	NOTES	kg per lin. m	RESIN SYSTEM			
					PE	PE/FR	VE	VE/FR
	PLATE	2.29 thick		4.30 kg per sq. m				
	FLAT STRIP	50.8	4.76	Stocked item in yellow in 7.3m lengths	0.445	✓		
			6.35		0.593			
			4.76		0.667			
		76.2	6.35	6.10m lengths	0.890	✓		
			9.53		1.335			
			12.7		1.78			
		88.9	12.7		2.01			
			9.53		1.73			
		101.6	12.7		2.382			
		127	1.47		0.39			
			3.18		0.86			
		152.4	6.35		1.775			
			3.18		1.875			
			3.81		2.250			
		304.8	6.35		3.750			
			9.53		5.625			
			12.7		7.500			
	ANGLE	44.45 x 31.75 x 6.35		0.76				
		266.7 x 266.7 x 31.75		30.95				
	CHANNEL	88.9 x 50.4 x 5.56	6.10m lengths	1.79				
		47.63 x 3.18 x 28.58 x 4.78	Standard Color: Orange	0.71				
		83.57 x 3.25 x 29.97 x 4.83	Standard Color: Orange	0.97				
		84.07 x 3.43 x 30.15 x 5.33	Standard Color: Orange	1.03				
		101.6 x 3.18 x 44.45 x 4.75	Standard Color: Orange	1.40				

✓ : Denotes a normally inventoried item, but availability may vary. NOTE: Inventory of unchecked items may be available due to overruns.

SPECIAL COMPOSITE SHAPES


All special composite shapes are non-stocked items unless otherwise noted; however, tooling is available.

PROFILE	NAME	SIZE (mm)	NOTES	kg per lin. m	RESIN SYSTEM			
					PE	PE/FR	VE	VE/FR
	TOP RAIL	50.8 x 6.35 MODIFIED ROUND TUBE		1.83				
	FLIGHT CHANNEL	141.3 x 3.18 x 63.5 x 4.76		1.98				
		188.9 x 3.18 x 63.5 x 4.76		2.35				
	STRUT	41.3 x 41.3 x 3.97 - TYPE 1		0.97				
		41.3 x 41.3 x 3.97 - TYPE 2		1.04				
		41.3 x 41.3 x 3.97 - DOUBLE STRUT		1.86				
		41.3 x 25.4 x 3.97		0.76				
		41.3 x 25.4 x 3.97 - DOUBLE STRUT		1.32				
	SQUARE TUBE/ ROUND HOLE	25.4 SQ. with 19.05 RD. HOLE - TYPE 1		0.73				
		25.4 SQ. with 19.05 RD. HOLE - TYPE 2		0.73				
	SLIDE GUIDE	63.5 x 57.15 x 6.35		1.68				
	FLUTED TUBE	31.75	Stocked in yellow in 6.15m lengths	0.60				✓
	F-SECTION	139.7 x 25.4 x 6.35	Stocked in Chatfield, MN	2.35				
		152.4 x 38.1 x 6.35		2.50				
	Z-SECTION	31.75 x 63.5 x 3.18		0.70				
	CORNER POST	82.55 x 6.35		3.50				


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ROD AND BAR

THERMAL CURE ROD AND BAR is produced using all longitudinal reinforcements with low speed and high temperature, which provides a rich surface appearance. It has no surfacing veil, no pigment, and no added fire retardant. On request, Strongwell can quote special formulations including resin type, fire retardant properties, etc. Because it maintains high electrical standards, thermal cure rod is most commonly specified for electrical applications. Normally stocked for prompt delivery. *Thermal cure rod and bar was not designed to be machined.*

PROFILE	SIZE (mm)	kg PER lin. m	THERMAL CURE
	12.7	0.33	
	15.88	0.51	
	19.05	0.73	
	25.4	1.29	
	31.75	1.95	
	38.1	2.84	
SQUARE ROD			

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PROFILE	SIZE (mm)	kg per lin. m	THERMAL CURE
	6.35	0.06	
	7.94	0.10	
	9.53	0.15	
	12.7	0.25	
	15.88	0.40	
	19.05	0.58	
	20.64	0.67	
	22.23	0.79	
	25.4	1.03	
	28.58	1.26	
	31.75	1.64	
	38.1	2.26	
	50.8	4.00	
ROUND ROD*			

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DURA DEK®

PULTRUDED FIBERGLASS GRATING

(Inventory levels may vary. Call for availability.)

Resin Systems: Fire Retardant Polyester - Standard

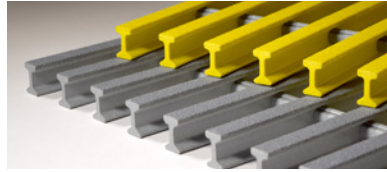
Fire Retardant Vinyl Ester - Optional

Colors: Yellow or Gray

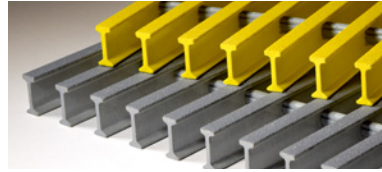
UV Protection: UV Inhibited with a Veil

Cross Rods: 203.2mm on center

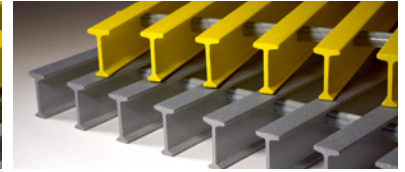
Top Surface: Epoxy Bonded Grit Coating



I-6500 - 25.4mm



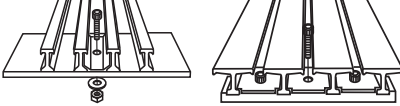
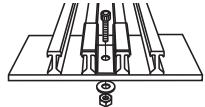
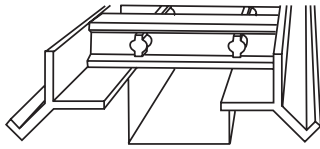
I-6500 - 38.1mm



T-5800 - 50.8mm

PANEL SIZE (m) (WIDTH X LENGTH)	WEIGHT (kg)		
0.91 x 3.05	29.94	36.74	-
0.91 x 6.10	59.87	73.48	70.76
1.22 x 2.44	31.93	39.19	-
1.22 x 3.66	47.90	58.79	56.61
1.22 x 6.10	79.83	97.98	94.35
1.52 x 3.05	49.90	61.24	61.24
1.52 x 6.10	99.79	122.47	117.93

PULTRUDED GRATING ACCESSORIES (Inventory levels may vary. Call for availability.)

DRAWING	ACCESSORY	LENGTH (m)	AVAILABILITY	APPROX. WEIGHT (kg)
PANEL HOLD DOWNS (Does Not Include Nuts, Bolts, and Washers) (No Broken Packages)				
	S.S. Insert Hold Down, all series (Specify I-6500 or T-5800)			0.45
	S.S. Saddle Clip Only, I-6500 - 25.4mm			0.91
	S.S. Saddle Clip Only, I-6500 - 38.1mm			1.02
	S.S. Saddle Clip Only, T-5800 - 50.8mm			1.47
	6.35mm - 20 x 31.75mm S.S. Socket Head Cap Screw with Nut & Washer (For use with Hold Downs)			0.34
PANEL CONNECTORS ASSEMBLY (Includes Hold Down(s), Bolt(s), and Bottom Bar)				
	S.S. Insert Panel Connector, all series			0.18
	S.S. Saddle Clip Panel Connector, I-6500 - 25.4mm			0.13
	S.S. Saddle Clip Panel Connector, I-6500 - 38.1mm			0.14
	S.S. Saddle Clip Panel Connector, T-5800 - 50.8mm			0.14
FIBERGLASS CURB ANGLE (Color: Gray, Resin: Fire Retardant Vinyl Ester, UV Inhibited with a veil)				
	25.4mm x 38.1mm	6.1	✓	1.24 per lin. m
	38.1mm x 38.1mm	6.1	✓	1.38 per lin. m
	50.8mm x 38.1mm	6.1	✓	1.53 per lin. m
	101.6mm x 57.15mm x 6.35mm (Slate Gray)	-		7.93 per lin. m
MISCELLANEOUS				
	Sealing Kit - 1 pint			0.74
	177.8mm Tungston Carbide Tip Circular Blade			0.29
	Tungston Carbide Tip Saber Saw Blade			0.01

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DURAGRATE®

MOLDED FIBERGLASS GRATING

(Stocking levels may vary. Call for pricing, color options, and availability.)

Resin Systems:

VE - Vinyl Ester

ISO - Isophthalic Polyester

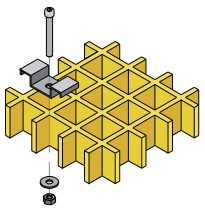
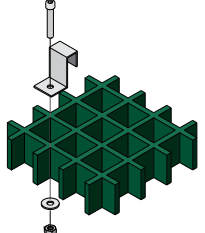
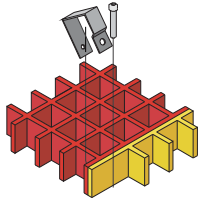
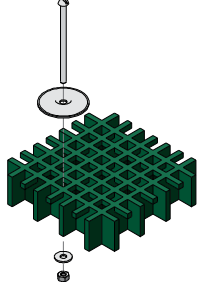
FF - Food Grade

PANEL	THICKNESS (mm)	MESH PATTERN (mm)	OPEN AREA	PANEL SIZE (m) (WIDTH X LENGTH)	ESTIMATED WEIGHT (kg)
	25.4	50.8 Square	72%	1.22 x 3.66	52.69
	25.4	38.1 Square	70%	0.91 x 3.05	35.38
				1.22 x 3.66	56.70
	25.4	25.4 x 101.6 Rectangular	69%	0.91 x 3.05	38.10
				1.22 x 3.66	61.24
	25.4	19.05 x 101.6 Rectangular	63%	1.22 x 3.66	63.41
	38.1	38.1 Square	70%	0.91 x 3.05	57.71
				1.22 x 3.66	83.01
				1.52 x 3.05	86.18
				1.52 x 3.66	103.42
	38.1 Mini Mesh	19.05 x 19.05 on Center (Top), 38.1 x 38.1 on Center (Bottom)	44%	1.22 x 3.66	97.98
	38.1	25.4 x 50.8 Rectangular HD	51%	1.22 x 1.83	65.86
	50.8	50.8 Square	72%	1.22 x 3.66	87.09
	38.1 Stair Tread*	38.1 x 152.4	67%	0.57 x 3.05	27.22

*Nosing is gritted and same color as stair tread.

DURACRATE®

ACCESSORIES (No Broken Packages.) (All Clips and Bolts are S.S. 316.)

IMAGE	ITEM	TYPICAL BOLTS USED
 <p>TYPE M CLIP</p>	Type M Clip for 25.4mm x 25.4mm x 101.6mm Rectangular Mesh	<ul style="list-style-type: none"> • 6.35mm x 38.1mm Hex Head Cap Screw with Nut and Washer • 6.35mm x 44.45mm Hex Head Cap Screw with Nut and Washer
	Type M Clip for 25.4mm x 38.1mm Square Mesh	<ul style="list-style-type: none"> • 6.35mm x 38.1mm Hex Head Cap Screw with Nut and Washer • 6.35mm x 44.45 Hex Head Cap Screw with Nut and Washer
	Type M Clip for 38.1mm x 38.1mm Square Mesh	<ul style="list-style-type: none"> • 6.35mm x 50.8mm Hex Head Cap Screw with Nut and Washer
	Type M Clip Deep for 38.1mm x 38.1mm Square Mesh or 38.1mm x 6" Rectangular Mesh	<ul style="list-style-type: none"> • 6.35mm x 31.75mm Socket Head Cap Screw with Nut and Washer
	Type M Clip for 50.8mm x 50.8mm Square Mesh	<ul style="list-style-type: none"> • 6.35mm x 63.5mm Hex Head Cap Screw with Nut and Washer
 <p>TYPE J CLIP</p>	Type J Clip for 25.4mm	<ul style="list-style-type: none"> • 6.35mm x 25.4mm Hex Head Cap Screw with Nut and Washer
	Type J Clip for 38.1mm	<ul style="list-style-type: none"> • 6.35mm x 25.4mm Hex Head Cap Screw with Nut and Washer
	Type J Clip for 50.8mm	<ul style="list-style-type: none"> • 6.35mm x 25.4mm Hex Head Cap Screw with Nut and Washer
 <p>TYPE C CLIP</p>	Type C Clip Assembly for 25.4mm	
	Type C Clip Assembly for 38.1mm	
	Type C Clip Assembly for 50.8mm	
	Surface Mounted	

DURATREAD™

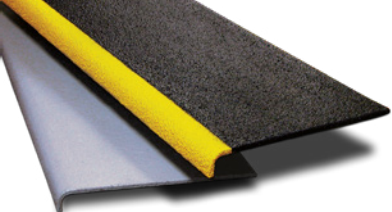
MOLDED FIBERGLASS STAIR TREAD COVERS (Stocking levels may vary. Call for pricing, color options, and availability.)

Resin Systems:

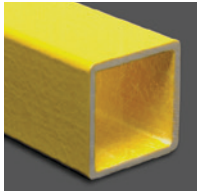
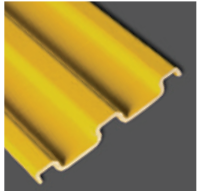


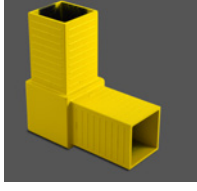
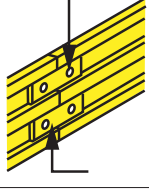
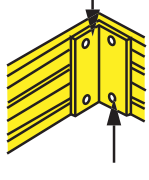
VE - Vinyl Ester

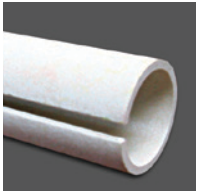
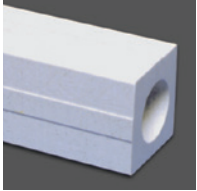

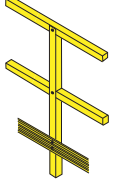
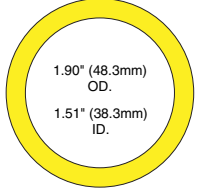
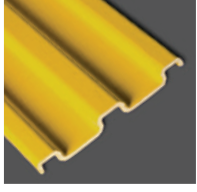

ISO - Isophthalic Polyester



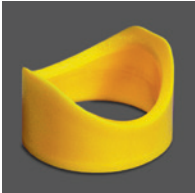
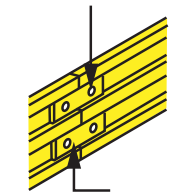
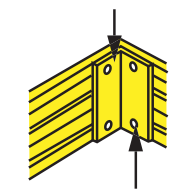
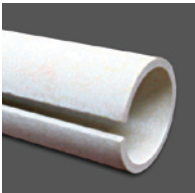
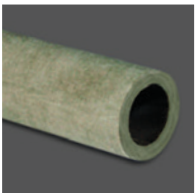

FF - Food Grade


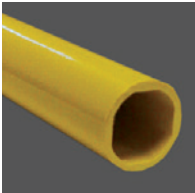

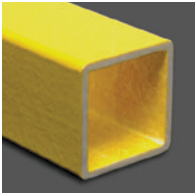
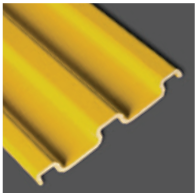
	TREAD (mm)	THICKNESS 3.18mm WEIGHT (kg)	THICKNESS 6.35mm WEIGHT (kg)
	203.2	7.26	14.06
	228.6	8.16	15.42
	254	8.62	16.78
	279.4	9.53	18.14
	304.8	10.43	19.96

All covers are 3.66m long. No minimum on black with yellow nose covers. The minimum order quantity for all other colors is five pieces.

COMPONENT		WEIGHT (kg)
SQUARE RAILING SYSTEM COMPONENTS		
	50.8mm x 50.8mm x 3.96mm Square Tube, Yellow Polyester Fire Retardant, UV Inhibited @ 6.10m	1.41 / m
	60.3 x 60.3 x 4.76 Square Tube, Yellow Polyester Fire Retardant, UV Inhibited @ 6.10m	2.02 / m
	101.6mm Kickplate Yellow Polyester Fire Retardant, UV Inhibited @ 6.10m	0.77 / m
	152.4mm Kickplate Yellow Polyester Fire Retardant, UV Inhibited @ 6.10m (365m mill run)	1.09 / m
	Black End Caps	0.01 ea.
	Adjustable Corner Assembly (Total Assembly)	0.16 ea.
	90° Corner Plug	0.16 ea.
	Kickplate Splice	0.05 ea.
	Kickplate 90° Splice	0.07 ea.

COMPONENT		WEIGHT (kg)
	Split Tube 203.2mm Length (for square handrail)	0.16 ea.
	Split Tube 101.6mm Length (for square handrail)	0.08 ea.
	Split Tube 3.66m Length (for square handrail)	2.78 ea.
	152.4mm Square Plug	0.34 ea.
	Square Plug 3.66m Length	8.27 ea.
3.18mm x 38.1mm Tension Pins		0.02 / 10 pcs.
Epoxy Kits - 1 Pint Clear		0.74 ea.
	FRP Base Plate with Post - Total Height 1.02m (Polyester)	2.49 ea.
	Alternate Handrail Post 60.3mm x 60.3mm x 1.27m Routed Out, No Bottom Plugs	2.59 ea.
90° Corner Sample		0.59 ea.
Tee Sample		0.41 ea.
ROUND RAILING SYSTEM COMPONENTS		
	48.3mm OD x 38.3mm ID Yellow Polyester Fire Retardant, UV Inhibited	1.31 / m
	101.6mm Kickplate Yellow Polyester Fire Retardant, UV Inhibited @ 240"	0.77 / ft.
	Black End Caps	0.02 ea.

COMPONENT	WEIGHT (kg)
 <p>Adjustable Corner Assembly (Total Assembly)</p>	0.16 ea.
 <p>90° Corner Assembly</p>	0.16 ea.
 <p>Intermediate Connectors</p>	0.02 ea.
 <p>Kickplate Splice</p>	0.05 ea.
 <p>Kickplate 90° Splice</p>	0.07 ea.
 <p>Split Tube 38.1mm x 101.6mm (for round handrail)</p>	0.07 ea.
 <p>Split Tube 38.1mm x 203.2mm (for round handrail)</p>	0.14 ea.
 <p>Round Connector 38.1mm x 203.2mm</p>	0.24 ea.
3.18mm x 38.1mm Tension Pins	0.02 / 10 pcs.

COMPONENT	WEIGHT (kg)
 <p>FRP Base Plate with Post Total Height 1.00m Yellow Polyester Fire Retardant</p>	2.49 / pc.
Stainless Steel Kickplate Bracket	0.05 ea.
6.35mm x 25.4mm Stainless Steel Bolt Assembly	0.02 ea.
CHANNEL TOP RAILING SYSTEM COMPONENTS (For more information on the Channel Top option, please refer to the SAFRAIL™ brochure.)	
 <p>25.4mm Diameter Mid Rail Yellow Polyester Fire Retardant, UV Coated (1,524 linear meter min. run)</p>	
 <p>Channel Top Handrail Yellow Polyester Fire Retardant, UV Coated (1,524 linear meter min. run)</p>	
 <p>50.8mm x 50.8mm x 3.96mm Tube (for post) Yellow Polyester Fire Retardant, UV Coated</p>	1.41 / m
 <p>101.6mm Kick Plate Yellow Polyester Fire Retardant, UV Coated</p>	0.77 / m
CUSTOM FIBERGLASS RAILING SYSTEMS	
Handrail may be ordered in custom colors and/or resins and may also be pre-fabricated. Prices and ship dates for custom fabricated handrail may be obtained by calling Strongwell Customer Relations.	

Note: Strongwell recommends a coating to reduce color fade for outdoor applications. If coating is not applied, components may fade rapidly.

COMPOSOLITE®

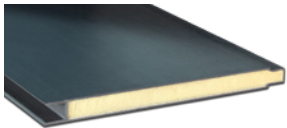
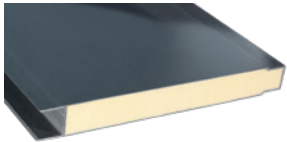
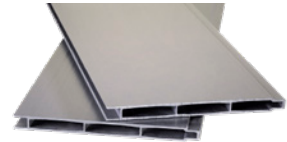
FIBERGLASS BUILDING PANEL SYSTEM

COMPONENTS	DIMENSIONS (mm)	LENGTH (m)	PE	PE/FR	VE/FR	kg per lin. m
 STANDARD PANEL	80.0 x 604.3	6.10		✓		10.74
		7.32		✓		
 HALF PANEL	80.0 x 348.0	6.10		✓		7.59
		7.32		✓		
 TOGGLE	17.0 x 20.1	6.10		✓		0.46
 3-WAY CONNECTOR	80.0 x 80.0	6.10		✓		2.46
 HANGER	61.0 x 80.0	-				2.31
 45° CONNECTOR	93.5 x 110.5	-				2.60
 CAP CHANNEL (Slate Gray or Yellow)	86.9 x 33.3 x 3.18	6.10		✓		0.86
STRUCTURAL CAP CHANNEL	93.09 x 50.8 x 6.35	-				1.93


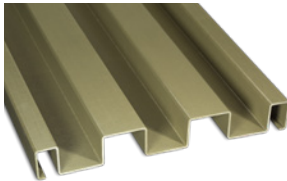
✓ : Denotes an item normally kept in inventory, but availability may vary.
 NOTE: Inventory of unchecked items may be available due to overruns.

DURASHIELD® & DURASHIELD HC®

FIBERGLASS FOAM CORE & HOLLOW CORE BUILDING PANEL SYSTEMS



PANEL	DIMENSIONS (mm)	PE	PE/FR	VE/FR	kg per lin. m
	25.4 x 304.8				3.27
	76.2 x 609.6				11.68
	25.4 x 304.8				4.87

FIBERGLASS BAFFLE WALL PANELS

PANEL	WIDTH (mm)	LENGTH (m)	RESIN	AVAILABILITY	kg per lin. m
	304.8	-	Polyester		5.51
	609.6	7.3	Polyester		9.67

FIBRE BOLT®


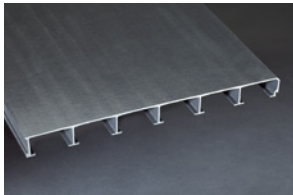
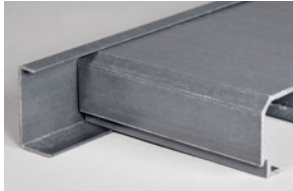
FIBERGLASS STUDS AND NUTS

PRODUCT	SIZE (mm)	LENGTH (m)	# PER PACKAGE	PACKAGE WEIGHT (kg)
	9.53	1.2	15	2.04
	12.7	1.2	10	2.27
	15.88	1.2	10	3.40
	19.05	1.2	6	3.18
	25.4	1.2	4	3.86
	9.53	-	100	0.68
	12.7	-	100	0.91
	15.88	-	100	1.72
	19.05	-	25	1.36
	25.4	-	25	1.36

✓ : Denotes an item normally kept in inventory, but availability may vary.
NOTE: Inventory of unchecked items may be available due to overruns.


SAFPLANK®

FIBERGLASS INTERLOCKING DECKING SYSTEM

PANEL	DIMENSIONS (mm)	LENGTH (m)	PE	PE/FR	VE/FR	kg per lin. m
 304.8mm PANEL	50.8 x 304.8	7.3		✓		3.72
 609.6mm PANEL	50.8 x 609.6	6.1 7.3		✓ ✓		7.44
 EDGE CAP CHANNEL	55.88 x 27.00 x 14.30 x 2.03	-				0.36

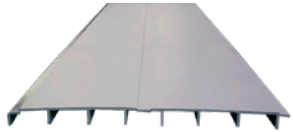
SAFPLANK HD®

FIBERGLASS HEAVY DUTY DECKING SYSTEM

PANEL	DIMENSIONS (mm)	LENGTH (ft)	PE	PE/FR	VE/FR	kg per lin. m
 914.4mm PANEL	152.4 x 914.4	7.3				31.32

SAFDECK®

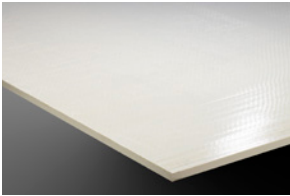
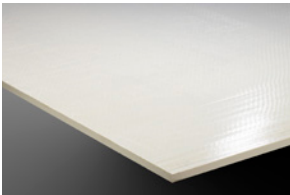
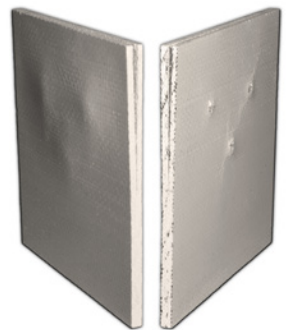
FIBERGLASS OVERLAPPING DECKING SYSTEM

PANEL	DIMENSIONS (mm)	LENGTH (m)	PE	PE/FR	VE/FR	kg per lin. m
 609.6mm PANEL	28.58 x 609.6	7.3		✓		5.58

✓ : Denotes an item normally kept in inventory, but availability may vary.
NOTE: Inventory of unchecked items may be available due to overruns.

HS ARMOR

FIBERGLASS BALLISTIC PANEL

PANEL	THICKNESS (mm)	DIMENSIONS (m)	AVAILABILITY	kg per sq. m
 UL LEVEL 1	6.35	0.91 x 2.44		3.74
		1.22 x 2.44		
		0.91 x 3.05		
		1.22 x 3.05		
 UL LEVEL 2	8.89	0.91 x 2.44		6.10
		1.22 x 2.44		
		0.91 x 3.05		
		1.22 x 3.05		
 UL LEVEL 3	12.7	0.91 x 2.44		7.59
		1.22 x 2.44		
		0.91 x 3.05		
		1.22 x 3.05		

NOTE: HS Armor can be manufactured to meet UL Levels 4, 5, 6, 7, and 8 upon request. Contact Customer Relations for more information.

✓ : Denotes an item normally kept in inventory, but availability may vary.

NOTE: Inventory of unchecked items may be available due to overruns.

GENERAL INFORMATION

EXTREN® is pultruded structural composite profiles and plate produced exclusively by Strongwell with the EXTREN® logo embedded in the surfacing veil. It meets or exceeds the minimum published mechanical, physical, electrical, flammability, and corrosive properties of the respective Series published in the *Strongwell Design Manual*.

SERIES	RESIN	ADDITIVES	STANDARD COLOR	RECOMMENDED USE
500	Premium Polyester	UV inhibitor	Olive Green	A general purpose resin with excellent corrosion properties
525	Premium Polyester	Flame Retardant, UV inhibitor	Slate Gray	A general purpose resin with excellent corrosion properties and improved fire performance
600	Premium Vinyl Ester	UV inhibitor	Light Gray	For harsher corrosive environments and higher temperature applications
625	Premium Vinyl Ester	Flame Retardant, UV inhibitor	Beige	For harsher corrosive environments, higher temperature applications, with improved fire performance

Note: All standard EXTREN® products meet and/or exceed the structural requirements of E17 European standards. EXTREN® can be manufactured upon request to meet the mechanical and physical properties of BS EN 13706 (E23) European standards.

STOCKED/INVENTORIED ITEMS (Indicated by ✓)

Carried in inventory, no minimum quantity required.

LENGTHS CUT FROM STOCK: Special lengths can be cut from stock shapes and rods. Plate can be cut to size desired from 1.22m x 2.44m stock. A fabrication cutting charge will be applied.

NONSTOCKED ITEMS

Check for possible availability. These are occasionally available because of overruns. Purchaser having a requirement for non-stocked items should inquire about current inventory status.

SPECIAL RUN

SPECIAL RUN VARIANCE: The pultrusion process does not lend itself to producing exact quantities. Quantities may vary 10% more or less than requested quantity. If minimum quantities are required, orders should be placed considering these variances.

MINIMUM ORDER VALUE

Minimum order value is \$250.

COLORS

Special colors are available for shapes and plate. Price will vary, depending on cost, amount of pigment required, and standards of acceptability. Minimum quantities may apply.

SPECIAL RESINS AND FORMULAE

Special resins and resin mixes will be quoted specifically after resin mix has been tested for adaptability to the production process involved.

PACKAGING

If other than standard packaging is required, contact Customer Relations for additional costs.

TERMS

All products are manufactured in accordance to tolerance properties as published in the *Strongwell Design Manual*.

Strongwell's Standard Terms and Condition of Sale apply.

F.O.B./Ex Works dispatch location.



ISO 9001 Quality Certified Manufacturing Plants



BRISTOL LOCATION
400 Commonwealth Ave.
Bristol, VA 24201 USA
(276) 645-8000

CHATFIELD LOCATION
1610 Highway 52 South
Chatfield, MN 55923 USA
(507) 867-3479
www.strongwell.com

HIGHLANDS LOCATION
26770 Newbanks Road
Abingdon, VA 24210 USA
(276) 645-8000