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Pultruded Structural Shapes

Product Availability List - Imperial

Round Tube	Square Tube	Rectangular Tube	Equal Leg Angle*	Flat Sheet
				
Outer Dia. x Wall Thickness	Size x Thickness	Width x Height x Thickness	Leg x Leg x Thickness	Width x Thickness
1/2 x 1/8	1 x 1/8	1-1/2 x 5/8 x 1/8	1/2 x 1/2 x 1/8	24 x 1/8
3/4 x 1/8	1-1/4 x 1/4	3-1/2 x 1-1/2 x 0.140	3/4 x 3/4 x 1/8	24 x 3/16
1 x 0.080	1-1/2 x 1/8	4 x 2 x 1/4	7/8 x 7/8 x 1/8	24 x 1/4
1 x 3/32	1-1/2 x 1/4	4 x 12 x 3/16	1 x 1 x 1/8	24 x 3/8
1 x 1/8	1-3/4 x 1/8	4.34 x 1.40 x 0.125 x 0.156	1 x 1 x 1/4	24 x 1/2
1-1/8 x 1/8	1-3/4 x 1/4	4.71 x 1.71 x 0.125 x 0.156	1-1/4 x 1-1/4 x 1/8	24 x 5/8
1-1/4 x 0.080	2 x 1/8	5 x 2 x 1/8	1-1/2 x 1-1/2 x 1/8	24 x 3/4
1-1/4 x 0.100	2 x 1/4	5.09 x 2.03 x 0.125 x 0.156	1-1/2 x 1-1/2 x 3/16	24 x 1
1-1/4 x 1/8	2-1/16 x 2-1/8 x 3/16	6 x 2 x 1/8	1-1/2 x 1-1/2 x 1/4	48 x 1/8
1-1/4 x 3/16	2-1/2 x 1/4	6 x 8 x 3/16	2 x 2 x 3/16	48 x 3/16
1-1/2 x 1/8	3 x 1/4	6 x 12 x 3/16	2 x 2 x 1/4	48 x 1/4
1-1/2 x 1/4	3 x 3/8	6-1/2 x 2 x 1/4 x 1/2	3 x 3 x 1/8	48 x 3/8
1-3/4 x 1/8	3-1/2 x 3/8	12 x 2-1/2 x 1/4	3 x 3 x 3/16	48 x 1/2
1-3/4 x 1/4	4 x 1/8		3 x 3 x 1/4	48 x 5/8
2 x 1/8	4 x 1/4		3 x 3 x 3/8	48 x 3/4
2 x 1/4	5.2 x 3/8		3 x 3 x 1/2	48 x 1
2-1/4 x 1/4	6 x 3/8		4 x 4 x 1/4	
2.47 x 0.080	7-1/4 x 7-1/4 x 1/2 x 1/4		4 x 4 x 3/8	
2-1/2 x 1/4			4 x 4 x 1/2	
2-1/2 x 5/16			6 x 6 x 3/8	
2-3/4 x 1/8			6 x 6 x 1/2	
3 x 1/4				
3-1/4 x 1/8				
4-1/4 x 3/16				

* Unequal leg angle profiles available. Contact us for details.

Channel	Square Bar	I-Beam	Wide-Flange Beam	Kick Plate
				
Web x Leg x Thickness	Size	Web x Flange x Thickness	Web x Flange x Thickness	Width x Height x Thickness
1-3/4 x 1-1/2 x 0.100	1/2	3 x 1-1/2 x 1/4	2 x 2 x 0.140	4 x 5/8 x 1/8
2 x 9/16 x 1/8	3/4	4 x 2 x 1/4	3 x 3 x 0.150	6 x 1/2 x 1/8
3 x 7/8 x 1/4	1	4-1/8 x 3-1/4 x 3/8	3 x 3 x 1/4	
3 x 1-1/2 x 1/4	1-1/4	6 x 3 x 1/4	4 x 4 x 1/4	
3.29 x 1.17 x 0.125 x 0.188	1-1/2	6 x 3 x 3/8	6 x 6 x 1/4	
4 x 1-1/8 x 1/4	1-3/4	8 x 4 x 3/8	6 x 6 x 3/8	
4 x 1-3/8 x 3/16	2	8 x 4 x 1/2	8 x 8 x 3/8	
6 x 1-5/8 x 1/4		10 x 5 x 3/8	8 x 8 x 1/2	
6 x 1-11/16 x 3/8		10 x 5 x 1/2	10 x 10 x 3/8	
8 x 2-3/16 x 1/4		10 x 8 x 1/2 x 3/8	10 x 10 x 1/2	
8 x 2-3/16 x 3/8		12 x 6 x 1/2	12 x 12 x 1/2	
10 x 2-3/4 x 1/2				

Product Information

Non-stocked sizes

Many additional sizes of channel, flanged channel, angle, "I", "Z", rectangular tube, round tube, and flat sheet are available. Contact us for product availability.

Product Benefits

Polyglas Structural Pultrusions are: corrosion resistant, non-conductive thermally and electrically, non-magnetic, electromagnetically transparent, lightweight, high-strength, dimensionally stable, and low maintenance.

Material Grade Guideline

Polyglas M - non-fire retardant, polyester, olive color

Polyglas F - fire retardant, polyester, gray color

Polyglas C - fire retardant, vinyl ester, beige color