

# STRONGWELL® SHAPES & PLATES

## EXTREN® FIBERGLASS SERIES

EXTREN® is a proprietary combination of fiberglass reinforcements and thermosetting polyester or vinyl ester resin systems. It is produced in more than 100 standard shapes. All EXTREN® shapes have a surface veil to protect against glass fibers penetrating the resin surface in service and to increase corrosion and UV resistance. EXTREN® is offered in three series designed for different environments and applications.

### EXTREN® 500

An all-purpose series utilizing an isophthalic polyester resin system with a UV inhibitor.

**Color:** olive green

### EXTREN® 525

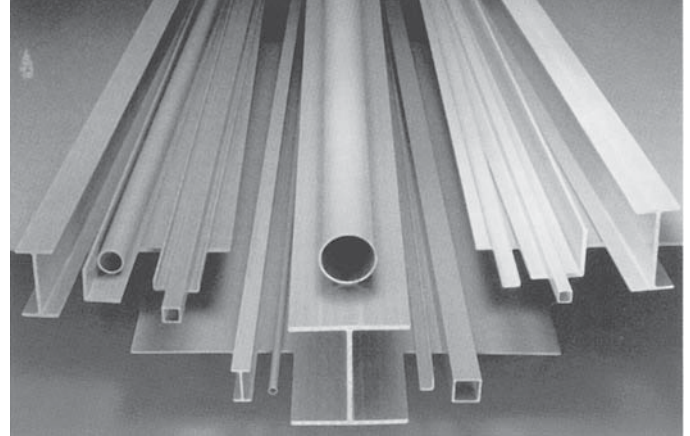
An all-purpose series utilizing a fire retardant isophthalic polyester resin system with a UV inhibitor.

**Color:** slate gray (plus certain handrail and fixed-ladder components in yellow)

### EXTREN® 625

A premium series — both fire retardant and highly corrosion resistant — utilizing a vinyl ester resin system with a UV inhibitor.

**Color:** beige



## Availability List

STOCKED

NONSTOCKED

### Equal Leg Angles

1 x 1/8  
1-1/4 x 3/16  
1-1/2 x 3/16  
1-1/2 x 1/8  
1-1/2 x 1/4  
2 x 3/16  
2 x 1/4  
3 x 1/4  
3 x 3/8  
4 x 1/4  
4 x 3/8  
4 x 1/2  
6 x 1/2

1-1/4 x 1/8  
2 x 1/8  
5 x 1/2  
6 x 1/4 (Stock Series 525)  
6 x 3/8

### Unequal Leg Angles

1-3/4 x 1-1/4 x 1/4

### Channels

2 x 9/16 x 1/8  
3 x 7/8 x 1/4  
4 x 1-3/8 x 3/16  
4 x 1-3/8 x 1/4  
5 x 1-5/8 x 1/4  
6 x 1-5/8 x 1/4  
8 x 2-3/16 x 3/8  
10 x 2-3/4 x 1/2 (24' lg.)  
1-1/2 x 1 x 3/16  
1-1/2 x 1-1/2 x 1/4  
2 x 7/8 x 1/4  
2-5/8 x 1/8 x 1-1/4 x 3/16  
3 x 1 x 3/16  
3-1/2 x 2 x 3/32  
4 x 1-1/16 x 1/8  
6 x 1-11/16 x 3/8 (Stock S-500)  
8 x 2-3/16 x 1/4  
14 x 3-1/2 x 3/40  
18 x 2-3/16 x 3/16

### I-Beams

3 x 1-1/2 x 1/4  
4 x 2 x 1/4  
8 x 4 x 3/8  
2 x 1 x 1/8  
6 x 3 x 1/4  
6 x 3 x 3/8  
8 x 4 x 1/2  
10 x 5 x 3/8  
10 x 5 x 1/2  
12 x 6 x 1/2  
18 x 3/8 x 4-1/2 x 1/2  
24 x 3/8 x 7-1/2 x 3/4

### Wide Flange Beams

3 x 1/4  
4 x 1/4  
6 x 3/8  
8 x 3/8  
10 x 3/8 (32'lg.)  
2 x 1/8  
8 x 1/2  
10 x 1/2  
12 x 1/2

### Plate

1/8"  
3/16"  
1/4"  
3/8"  
1/2"  
3/4"  
5/8"  
1"

### Round Tube

1 x 1/8  
1-1-4 x 1/8  
1-1/2 x 1/8  
1-1/2 x 1/4  
2 x 1/8  
2 x 1/4  
2-1/2 x 1/4  
3 x 1/4

3/4 x 3/16  
1-1/4 x 3/16  
1-3/8 x 3/16  
1-3/4 x 1/8  
1-3/4 x 1/4  
2-3/4 x 1/4  
2-3/4 x 3/8  
3 x 1/8  
3-1/2 x .140  
4 x 1/8  
4 x 1/4  
5 x 1/8  
5 x 1/4  
6 x 1/8  
6 x .156  
8 x 1/4  
8 x 3/16  
10 x 3/16

### FIBREBOLT® Studs and Nuts

Stocked in 4' lengths  
Size: 3/8", 1/2", 5/8",  
3/4", 1"

### Rectangular Tube

4 x 1/8 x 2 x 1/4  
2-1/2 x 1-5/8 x 1/8  
3-1/4 x 2-1/2 x .160  
6-1/2 x 1/4 x 2 x 1/2  
7 x 4 x 1/4

### Square Tube

1 x 1/8  
1-1/2 x 1/8  
2 x 1/8  
2 x 1/4  
2 x 1/4 (Yellow Series 525)  
2-1/2 x 1/4 (Yellow Series 525)  
3 x 1/4  
4 x 1/4

1-1/4 x 1/8  
1-1/2 x 1/4  
1-3/4 x 1/8\*\*  
1-3/4 x 1/4\*\*  
2-1/2 x 1/4  
6 x 3/8

### Square Bar - Thermal Cure Clear

1/2"  
5/8"  
3/4"  
1"  
1-1/4"  
1-1/2"

### Rod - Thermal Cure Clear

1/4"  
3/8"  
1/2"  
5/8"  
3/4"  
13/16"  
.7/8"  
1"  
1-1/8"  
1-1/4"  
1-1/2"  
1-7/8"  
2"

### Special Pultruded Shapes

#### Corner Post

3-1/4 x 1/8

#### Curb Angle

1 x 1-1/2  
1-1/2 x 1-1/2  
2 x 1-1/2  
(stocked at  
Chatfield Division)

#### F-Section

5-1/2 x 1-1/2 x 1/4  
6 x 1-1/2 x 1/4

#### Flat Bar

.25 x .25  
.25 x .75  
.25x .812

#### Flat Strips

1 x 1/4  
2 x 3/16  
2 x 1/4  
3 x 3/16  
3 x 1/2

#### Flight Channel

5-1/4 x 1/8 x 2-1/2 x 3/16  
7-1/8x 1/8 x 2-1/2 x 3/16

#### Foam Core Planks

4 x 2  
5 x 2  
6 x 2  
8 x 2

#### Framing Angle

2 x 2 x 1/4

#### Custom Pultrusions

strongwell produces custom pultrusions in many shapes and materials for hundreds of customers. The listing on this page is only a partial listing of dies owned by Strongwell.

Additional Sections are frequently added and modifications to existing sections may be possible. For special needs contact your EXTREN® distributor. For special needs, contact your P & R Metals representative.

#### H-Section

3-1/2x 1-9/16x 1-1/2x 1/4

#### Hat Section

3-1/2 x 1-7/8 x 2 x 1/8

#### Square Tube w/Round Hole

1" sq. with 3/4" round hole  
1" sq. with 5/8" round hole  
1-1/2" sq. with 1" round hole

#### Stair Riser

8 x 1-1/2 x 1/8

#### Top Rail

2 x 1/4 modified rd. tube

#### Z-Section

1-1/4 x 2-1/2 x 1/8

#### Kick Plate

4 x 1/2 x 3/16  
(Yellow; Series 525)

#### Slide Guide

2-1/2 x 2-1/4 x 1/4  
(White; Series 500)

#### Square Tube

2 x .156 yellow

#### Strut

1-5/8 x 1-5/8 x 5/32  
(Gray; Series 525)

\*\*1-3/4 x 1/8 and 1-3/4 x 1/4 Square Tubes are undersized to allow telescoping.