# Fiberglass Structural Shapes

**'X' denotes most popular items (standard length 20')**

## Solid Round Rod
Isophthalic Polyester

| Size (In) | IP | IFR | VFR | lbs/ Ft |
|---|---|---|---|---|
| 1/4 | X | | | .04 |
| 3/8 | X | | | .10 |
| 1/2 | X | | | .17 |
| 5/8 | | | | .27 |
| 3/4 | X | | | .39 |
| 1 | X | | | .69 |
| 1-1/4 | X | | | 1.10 |
| 1-1/2 | X | | | 1.52 |
| 2 | | | | 2.56 |

## Solid Square Bar

| Size (In) | IP | IFR | VFR | lbs/ Ft |
|---|---|---|---|---|
| 1/4 x 1/4 | | | | .05 |
| 1 x 1 | | | | .87 |
| 1-1/4 x 1-1/4 | X | | | 1.31 |
| 1-1/2 x 1-1/2 | X | | | 1.93 |

## Fasteners

| Studs | | | | |
|---|---|---|---|---|
| 3/8" - 16 Uncoated | | X | | .08 |
| 1/2" - 13 Uncoated | | X | | .13 |
| 5/8" - 11 Uncoated | | X | | .21 |
| 3/4" - 10 Uncoated | | X | | .32 |
| 1" - 8 Uncoated | | X | | .59 |
| **Nuts** | | | | |
| 3/8" - 16 Uncoated | | X | | .64 |
| 1/2" - 13 Uncoated | | X | | 1.26 |
| 5/8" - 11 Uncoated | | X | | 1.12 |
| 3/4" - 10 Uncoated | | X | | 1.42 |
| 1" - 8 Uncoated | | X | | 1.65 |

Studs are available in 48" and 96" lengths and made with vinyl ester (VFR) resin.

## Special Shapes

| Size (In) | IP | IFR | VFR | lbs/ Ft |
|---|---|---|---|---|
| **Toe Plate** | | | | |
| 4 x 1/2 x 1/8 | | X | X | .53 |
| 6 x 1/2 x 1/8 | | | | .68 |
| **Curb Angle** | | | | |
| 3/4 x 1-1/2 x 1/4 | | | | .90 |
| 1 x 1-1/2 x 1/4 | | | X | 1.00 |
| 1-1/2 x 1-1/2 x 1/4 | | | X | 1.10 |
| 2 x 1-1/2 x 1/4 | | | X | 1.20 |
| **Gate Guide** | | | | |
| 2-1/2 x 2-1/4 x 1/4 | | | | 1.13 |
| **Sludge Flight** | | | | |
| 6 x 1/8 x 2-1/2 x 3/16 | | | | 1.21 |
| 8 x 1/8 x 2-1/2 x 3/16 | | | | 1.39 |
| **U-Trough** | | | | |
| 8-1/2 x 9-1/4 x 1/4 | | | | 4.95 |
| 12 x 12 x 1/4 | | | | 6.54 |
| **Square Tube with Round Hole** | | | | |
| 1 x 3/4 dia. | | | | .49 |
| 2 x 1-1/2 dia. | | | | 1.67 |
| **Door Frame** | | | | |
| 6 | | | | 1.58 |

**T-Sections**
Cut from I-Sections and can be quoted upon request.

## Epoxy Kits/ Resin Sealant Kits

| | |
|---|---|
| 1/2 Gallon Kit (includes 1 quart base and 1 quart hardener) | X |
| 10 Gallon Kit (includes 5 gallons base and 5 gallons hardener) | |
| **EPDM Rubber Spray Coating Sealant** | |
| 1 Can | X |
| 1 Case (12 cans) | X |

- **IP: Isophthalic Polyester - *Green***
- **IFR: Isophthalic Fire Retardant - *Gray***
- **VFR: Vinyl Ester Fire Retardant - *Beige***

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