

TorX-12™

12-Strand Rope, made with Dyneema® Fibre

TorX-12™ is an extremely high strength steel cable replacement made with Dyneema® fibre. To identify any unwanted torsion, TorX-12™ features black linear lines which do not fade or wear off as they are made with Black Dyneema® Fibre.

| DIAM.IN Ø" | DIAM.MM Ø MM | CIRC.IN Ø" | CIRC.MM Ø MM | *WT LB/100FT | *WT KG/100M | MIN. TENSILE LBS | MIN. TENSILE KG | AVG. TENSILE LBS | AVG. TENSILE KG |
|---------------|-----------------|---------------|-----------------|-----------------|----------------|---------------------|--------------------|---------------------|--------------------|
| 1/8" | 3.2mm | 3/8" | 9.5mm | 0.5lbs | 0.75kg | 2,600lbs | 1,170kg | 2,550lbs | 1,160kg |
| 3/16" | 4.8mm | 9/16" | 14.3mm | 1.0lbs | 1.5kg | 4,950lbs | 2,250kg | 5,500lbs | 2,500kg |
| 1/4" | 6.4mm | 3/4" | 19.1mm | 1.5lbs | 2.5kg | 7,830lbs | 3,560kg | 8,700lbs | 3,950kg |
| 5/16" | 7.9mm | 1" | 25.4mm | 2lbs | 4kg | 11,970lbs | 5,400kg | 13,300lbs | 6,000kg |
| 3/8" | 9.5mm | 1-1/8" | 28.6mm | 3.5lbs | 5kg | 17,550lbs | 7,900kg | 19,500lbs | 8,800kg |
| 7/16" | 11.1mm | 1-1/4" | 31.8mm | 4lbs | 6kg | 21,150lbs | 9,540kg | 23,500lbs | 10,600kg |
| 1/2" | 12.7mm | 1-1/2" | 38.1mm | 6lbs | 9.5kg | 30,600lbs | 13,860kg | 34,000lbs | 15,400kg |
| 9/16" | 14.3mm | 1-3/4" | 44.5mm | 8lbs | 12kg | 37,080lbs | 16,740kg | 41,200lbs | 18,600kg |
| 5/8" | 15.9mm | 2" | 50.8mm | 10lbs | 15kg | 47,250lbs | 21,420kg | 52,500lbs | 23,800kg |
| 3/4" | 19.1mm | 2-1/4" | 57.2mm | 13lbs | 20kg | 59,400lbs | 26,910kg | 66,000lbs | 29,900kg |
| 7/8" | 22.2mm | 2-3/4" | 69.9mm | 20lbs | 29kg | 85,500lbs | 38,700kg | 95,000lbs | 43,000kg |
| 1" | 25.4mm | 3" | 76.2mm | 22lbs | 32kg | 100,800lbs | 45,720kg | 112,000lbs | 50,800kg |
| 1-1/8" | 28.6mm | 3-1/2" | 88.9mm | 32lbs | 48kg | 135,000lbs | 61,200kg | 150,000lbs | 68,000kg |
| 1-1/4" | 31.8mm | 3-3/4" | 95.3mm | 36lbs | 54kg | 153,000lbs | 69,390kg | 170,000lbs | 77,100kg |
| 1-5/16" | 33.4mm | 4" | 101.6mm | 42lbs | 62kg | 164,700lbs | 74,700kg | 183,000lbs | 83,000kg |
| 1-3/8" | 34.9mm | 4-3/8" | 111.1mm | 45lbs | 67kg | 185,400lbs | 84,060kg | 206,000lbs | 93,400kg |
| 1-1/2" | 38.1mm | 4-1/2" | 114.3mm | 52lbs | 77kg | 207,000lbs | 93,870kg | 230,000lbs | 104,300kg |
| 1-9/16" | 39.7mm | 4-3/4" | 120.7mm | 58lbs | 86kg | 229,500lbs | 104,040kg | 255,000lbs | 115,600kg |
| 1-5/8" | 41.3mm | 5" | 127.0mm | 65lbs | 97kg | 256,000lbs | 116,100kg | 284,500lbs | 129,000kg |
| 1-3/4" | 44.5mm | 5-1/2" | 139.7mm | 78lbs | 117kg | 306,000lbs | 138,780kg | 340,000lbs | 154,200kg |
| 2" | 50.8mm | 6" | 152.4mm | 87lbs | 129kg | 346,000lbs | 156,870kg | 384,500lbs | 174,300kg |
| 2-1/4" | 57.2mm | 7" | 177.8mm | 115lbs | 171kg | 486,000lbs | 220,410kg | 540,000lbs | 244,900kg |
| 2-1/2" | 63.5mm | 7-1/2" | 190.5mm | 135lbs | 200kg | 531,000lbs | 240,750kg | 590,000lbs | 267,500kg |
| 2-3/4" | 69.9mm | 8-1/2" | 215.9mm | 180lbs | 268kg | 660,600lbs | 299,520kg | 734,000lbs | 332,800kg |
| 3" | 76.2mm | 9" | 228.6mm | 195lbs | 290kg | 765,000lbs | 346,860kg | 850,000lbs | 385,400kg |
| 3-1/4" | 82.3mm | 10" | 254.0mm | 235lbs | 349kg | 909,000lbs | 412,200kg | 1,010,000lbs | 458,000kg |
| 3-1/2" | 88.9mm | 10-1/2" | 266.7mm | 290lbs | 431kg | 1,057,500lbs | 479,520kg | 1,175,000lbs | 532,800kg |
| 3-5/8" | 92.1mm | 11" | 279.4mm | 335lbs | 498kg | 1,319,400lbs | 598,500kg | 1,466,000lbs | 665,000kg |
| 3-3/4" | 95.3mm | 11-1/4" | 285.8mm | 360lbs | 535kg | 1,467,000lbs | 665,280kg | 1,630,000lbs | 739,200kg |
| 4" | 101.6mm | 12" | 304.8mm | 394lbs | 586kg | 1,642,500lbs | 744,840kg | 1,825,000lbs | 827,600kg |

*coated weights – Technical specifications subject to change without notice.

Other sizes available upon request, certain sizes may require minimum order quantities.

For information on rope safety, read our [Brief Note on Rope Usage & Safety](#).

TorX-12™

Applications

- Crane lines
- Winch lines
- Tow lines
- Steel cable replacement
- Rigging lines
- Utility lines

Features & Benefits

- Extremely high strength
- Elongation at break 3.5%
- Light weight (1/7 weight of steel)
- Abrasion resistant
- Low stretch
- Floats on water
- Easy to splice
- Flexible
- Low creep

Fibre Specifications

Specific gravity: 0.97

Melting point: 144 - 155°C | 290 - 310°F

Abrasion resistance: Excellent*

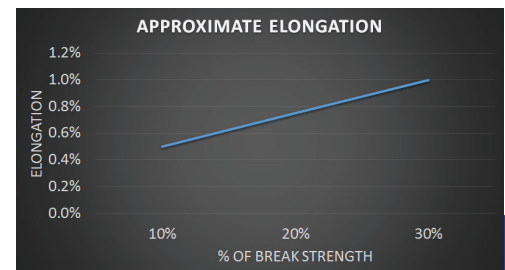
Not Affected by water

Creep resistance: Good

UV resistance: Very Good*

Good resistance to acids and alkalis

*Improved with ABL coating



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