

# Static-12 DS™

## 12-Strand Rope, made with Polyester Fibre

Static-12 DS™ is a double stranded 12 strand rope manufactured from a 100% high tenacity polyester fibre. This construction gives the highest strength to weight ratio for Polyester. 12 Strand rope is easy to inspect, splice and can be coated for greater durability.

| DIAM.IN<br>Ø " | DIAM.MM<br>Ø MM | CIRC.IN<br>Ø " | CIRC.MM<br>Ø MM | WT<br>LB/100FT | WT<br>KG/100M | MIN. TENSILE<br>LBS | MIN. TENSILE<br>KG | AVG.<br>TENSILE LBS | AVG.<br>TENSILE KG |
|----------------|-----------------|----------------|-----------------|----------------|---------------|---------------------|--------------------|---------------------|--------------------|
| 3/16"          | 5mm             | 9/16"          | 15mm            | 1.2lbs         | 1.8kg         | 1,450lbs            | 650kg              | 1,600lbs            | 720kg              |
| 1/4"           | 6.5mm           | 3/4"           | 20mm            | 2lbs           | 3kg           | 2,450lbs            | 1,080kg            | 2,700lbs            | 1,200kg            |
| 5/16"          | 8mm             | 1"             | 25.5mm          | 3lbs           | 4.5kg         | 3,500lbs            | 1,575kg            | 3,900lbs            | 1,750kg            |
| 3/8"           | 9.5mm           | 1-3/16"        | 30mm            | 4lbs           | 6kg           | 5,750lbs            | 2,600kg            | 6,400lbs            | 2,900kg            |
| 7/16"          | 11mm            | 1-3/8"         | 35mm            | 6.2lbs         | 9kg           | 7,200lbs            | 3,250kg            | 8,000lbs            | 3,600kg            |
| 1/2"           | 13mm            | 1-9/16"        | 40mm            | 8.3lbs         | 12kg          | 11,000lbs           | 4,950kg            | 12,200lbs           | 5,500kg            |
| 5/8"           | 16mm            | 2"             | 51mm            | 13lbs          | 19kg          | 19,100lbs           | 8,650kg            | 21,200lbs           | 9,600kg            |
| 3/4"           | 19mm            | 2-1/4"         | 57mm            | 17lbs          | 25kg          | 22,850lbs           | 10,350kg           | 25,400lbs           | 11,500kg           |
| 7/8"           | 22mm            | 2-3/4"         | 70mm            | 26lbs          | 38kg          | 33,850lbs           | 15,300kg           | 37,600lbs           | 17,000kg           |
| 1"             | 25mm            | 2-3/16"        | 80mm            | 34lbs          | 51kg          | 45,000lbs           | 20,350kg           | 50,000lbs           | 22,600kg           |
| 1-1/8"         | 29mm            | 3-1/2"         | 90mm            | 43lbs          | 64kg          | 59,500lbs           | 26,900kg           | 66,100lbs           | 29,900kg           |
| 1-1/4"         | 32mm            | 3-15/16"       | 100mm           | 52lbs          | 78kg          | 66,050lbs           | 29,900kg           | 73,400lbs           | 33,200kg           |
| 1-5/16"        | 33mm            | 4-1/8"         | 105mm           | 60lbs          | 89kg          | 69,400lbs           | 31,400kg           | 77,100lbs           | 34,900kg           |
| 1-3/8"         | 35mm            | 4-5/16"        | 109.5mm         | 63lbs          | 93kg          | 72,450lbs           | 32,850kg           | 80,500lbs           | 36,500kg           |
| 1-1/2"         | 38mm            | 4-3/4"         | 120mm           | 71lbs          | 106kg         | 79,000lbs           | 35,800kg           | 87,800lbs           | 39,800kg           |
| 1-5/8"         | 41mm            | 5"             | 127mm           | 90lbs          | 134kg         | 88,200lbs           | 40,050kg           | 98,000lbs           | 44,500kg           |
| 1-3/4"         | 45mm            | 5-1/2"         | 140mm           | 104lbs         | 155kg         | 99,000lbs           | 45,000kg           | 110,000lbs          | 50,000kg           |

Technical specifications subject to change without notice.  
 Certain sizes may require minimum order quantities.  
 Other sizes available upon request.

## Static-12 DS™

### Applications

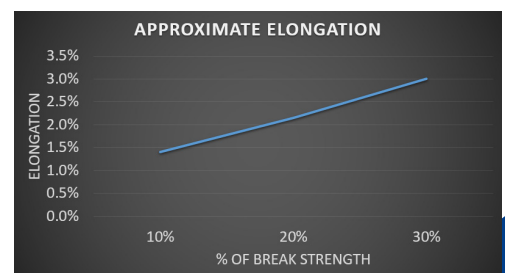
- Tow lines
- Stringing/pulling lines
- Rigging lines
- Utility lines
- Winch lines

### Features & Benefits

- High strength
- Low stretch
- High UV resistance
- Torque free
- Easy to splice
- Flexible
- Available in long lengths

### Fibre Specifications

Specific gravity: 1.38  
 Melting point: 254 - 260°C | 465 - 500°F  
 Abrasion resistance: Very Good\*  
 Creep resistance: Good  
 UV resistance: Very Good\*  
 Resistant to mineral acids  
 Decomposed by strong sulfuric acids  
 Decomposed by strong alkalis at high temps.  
 Resistant to organic solvents / soluble in phenols  
 \*Improved with ABL coating



# ATLANTIC BRAIDS

www.atlanticbraids.com | info@atlanticbraids.com

