

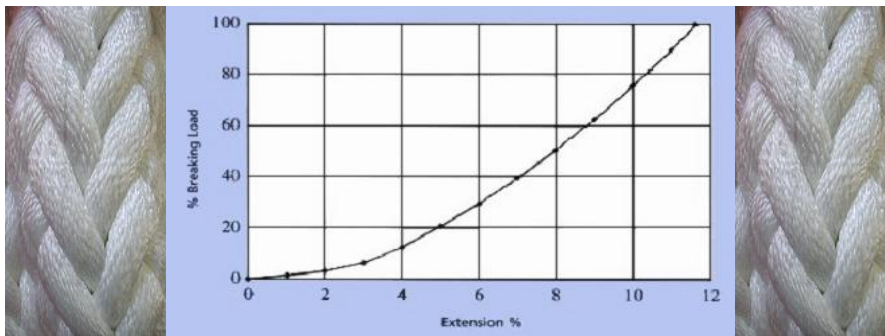


AKWAFLEX 12S POLYESTER/POLYOLEFIN BLENDED 12S MOORING ROPE

Applications:- Mooring Ropes, Floating Tow Lines, Pick-up lines, General Purpose Ropes

Akwaflex 12S Ropes are manufactured from high tenacity monofilament fibres which produce a non-torque high tenacity rope with greater strength and abrasion resistance than polypropylene. Akwaflex 12S Ropes also offer improved ultraviolet resistance compared to standard polypropylene and will maintain flexibility and strength even when wet. Akwaflex 12S Ropes accommodate a wide range of marine applications.

AKWAFLEX 12S ROPE, LOAD EXTENSION CURVE DRY 1ST PULL THE BREAK



| Code | Diameter (mm) | Weight (kg/100m) | B/Load (kgf) |
|-------------|---------------|------------------|--------------|
| RAFLEX12S12 | 12 | 10.65 | 3,050 |
| RAFLEX12S20 | 20 | 28.23 | 7,900 |
| RAFLEX12S22 | 22 | 35.68 | 10,000 |
| RAFLEX12S30 | 30 | 58 | 16,200 |
| RAFLEX12S38 | 38 | 83 | 30,700 |
| RAFLEX12S40 | 40 | 91.5 | 33,600 |
| RAFLEX12S44 | 44 | 109 | 40,000 |
| RAFLEX12S48 | 48 | 132 | 46,200 |
| RAFLEX12S56 | 56 | 179 | 62,000 |
| RAFLEX12S64 | 64 | 226 | 79,000 |
| RAFLEX12S72 | 72 | 284 | 99,000 |
| RAFLEX12S80 | 80 | 349 | 120,000 |
| RAFLEX12S88 | 88 | 420 | 145,000 |

General Characteristics:

| | |
|----------------------|-----------|
| Strength: Wet/Dry: | 100% |
| Shock Absorption: | Very Good |
| Specific Gravity: | 0,99 |
| Float/Sinks: | Floats |
| Elongation: | Low |
| Water Absorption: | None |
| Abrasion Resistance: | Very Good |
| Melting Point: | 165°C |

Chemical Resistance:

| | |
|-------------------------|-----------|
| Acids: | Excellent |
| Alkalis: | Excellent |
| Oil/Gas: | Very Good |
| Ultraviolet Resistance: | Good |

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