

# Akwaflex 12 Strand

## Akwaflex 12S Polyester/Polypropylene

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

### Applications

- Tug tow lines
- Mooring ropes
- Floating tow lines
- Pick-up lines
- General purpose ropes
- Hawsers

Nominal Diameter (mm)	Approximate Weight (kg/100m)	Minimum Tensile Strength Te (tonnes)
30	51.4	15.6
32	56.4	17.7
38	83	30
40	91.5	34
44	109	40
48	132	47
52	149	54
56	179	59
64	226	76
72	284	95
80	349	124
88	420	140
96	494	162
104	581	191

### Technical Information

Strength: (wet/dry)	<b>100%</b>
Shock absorption	<b>very good</b>
Specific gravity	<b>0.99</b>
Float/sinks	<b>floats</b>
Elongation	<b>25%</b>
Abrasion resistance	<b>very good</b>
Melting point	<b>329°F (165°C)</b>

### Akwaflex 12S Polyester/Polypropylene Blended 12S Mooring Rope Elongation (%)

