

Akwaflex 12S Polyester/Polypropylene Blended 12S Mooring Rope

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 standard 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.



Diameter (mm)	Weight (kg/100m)	B/Load (kgf)
12	10.65	3,050
20	28.23	7,900
22	35.68	10,000
30	58	16,200
38	83	30,700
40	91.5	34,000
44	109	40,000
48	132	47,000
56	179	64,000
64	226	81,000
72	284	102,000
80	349	124,000
88	420	148,000
96	494	175,000
104	581	202,000

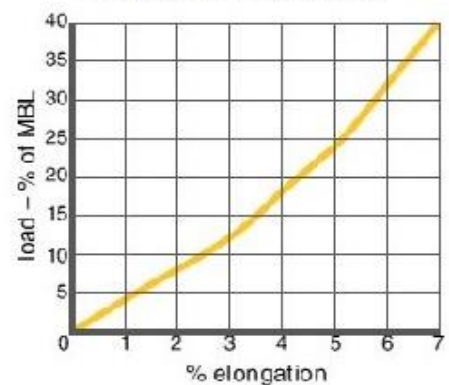
Technical Information

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**

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



Akwaflex 8S Polyester/Polypropylene Blended (4X2) Mooring Rope

Akwaflex 8S 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 8S Ropes also offer improved ultraviolet resistance compared to standard polypropylene and will maintain flexibility and strength even when wet. Akwaflex 8S Ropes accommodate a wide range of marine applications.

This product is made using a double construction method at the yarn level. This further enhances the abrasion resistance of the Akwaflex.

Diameter	Weight (kg/100m)	Break Load (kg-f)
24	33.5	12,500
28	46.0	16,600
32	59.5	21,300
36	74.2	26,500
38	82.6	29,250
40	91.5	32,000
44	109	38,000
48	132	44,000
56	179	59,000
64	226	75,000
72	284	94,000
80	349	114,000

Technical Information

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**

Akwaflex Polyester/
Polypropylene Blended
Mooring Rope Elongation (%)

