

# Akwaflex 8 Strand

## Akwaflex 8S Polyester/Polypropylene Blended 8S Rope

Akwaflex 8S Ropes are manufactured from high tenacity monofilament fibers which produce a non-torque high tenacity rope with greater strength and abrasion resistance than standard polypropylene. Akwaflex 8S Ropes also offer improved UV resistance compared to standard polypropylene and will maintain flexibility and strength even when wet. Akwaflex 8S 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		Approximate Weight		Minimum Tensile Strength	
mm	inch	kg/100 m	lbs/100'	Te (tonnes)	lbs
24	1	33.1	22.2	11.5	25,353
32	1-5/16	58.18	39.1	22.4	49,383
40	1-5/8	87.7	58.9	32	70,547
44	1-3/4	109	73.2	38	83,775
48	1-15/16	130	87.4	44	97,003
52	2-1/8	149.09	100.2	52	114,640
56	2-1/4	177.27	119.1	59	130,072
60	2-3/8	200	134.4	67	147,709
64	2-1/2	222.72	149.7	76	167,551
72	2-7/8	283.63	190.6	95	209,438
80	3-1/4	348.18	234.0	115	253,531
88	3-1/2	418.18	281.0	140	308,646
96	3-3/4	494.54	332.3	166	365,966
104	4-1/8	581.81	391.0	191	421,082
112	4-1/2	672.72	452.0	219	482,811
120	4-3/4	774.54	520.5	252	555,564

### Technical Information

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

### Akwaflex 8S Polyester/Polypropylene Blended 8S Mooring Rope Elongation (%)

