

Akwaflex Plus 12 Strand Polyester/Polypropylene

Akwaflex Plus 12S Ropes are manufactured from a blend of high tenacity monofilament fibres which produce a non-torque high tenacity rope with greater strength and abrasion resistance than other combination ropes. Its 12 Strand construction offers higher strength and profile retention over 8 strand constructed ropes.

Akwaflex Plus 12S Ropes also offer improved strength due to a higher concentration of polyester over other combination ropes. Akwaflex Plus compared to standard polypropylene will maintain flexibility and strength even when wet.

Akwaflex Plus offers the perfect balance between flexibility, durability, and strength.

Features

- Easy to splice and inspect
- High abrasion and UV resistance
- High elasticity retention over Nylon
- Increased strength and durability over standard Akwaflex
- Round profile for enhanced abrasion resistance and strength
- Ideal for high strength applications such as stretchers or toelines

Technical Information

Specific gravity	1.08*
Melting point	160°C
Critical temp.	90°C
Elongation at break	15.5%
Floats/Sinks	sinks
UV resistance	good
Wet abrasion	excellent
Dry abrasion	excellent

* value based on data supplied by the fibre manufacturer for new, dry fibre

Nominal Diameter		Size Circ.	Approximate Weight	Minimum Tensile Strength Spliced	Minimum Tensile Strength ISO Unspliced
Inch	MM	Inches	Kg/ 100m	Tonnes (Te)	Tonnes (Te)
1 5/8"	40	5"	103	40.1	44.5
1 3/4"	44	5 1/2"	125	48.0	53.3
2"	48	6"	149	56.7	63.0
2 1/8"	52	6 1/2"	175	66.2	73.5
2 1/4"	56	7"	203	76.2	84.7
2 3/8"	60	7 1/2"	233	87.2	96.9
2 5/8"	64	8"	266	98.3	109.2
2 3/4"	68	8 1/2"	299	110.9	123.2
3"	72	9"	335	123.6	137.3
3 1/8"	76	9 1/2"	374	137.7	153.0
3 1/4"	80	10"	415	150.8	167.6
3 1/2"	84	10 1/2"	458	166.2	184.7
3 5/8"	88	11"	502	182.0	202.2
3 3/4"	92	11 1/4"	549	198.8	220.9
4"	96	12"	596	215.0	238.9
4 1/4"	104	13"	696	250.0	277.8
4 5/8"	112	14"	811	288.9	321.0
5"	120	15"	932	328.8	365.3

* Other sizes available upon request