Lifting Solutions Group
Axel Johnson International

Fibre Rope Movflex Floating

Product information



Movflex is a special composite rope that mixes high tenacity polyester yarns with high tenacity polyolefin yarns.

This specific combination gives this firm non rotational 8 strands plaited rope, flexibility and smoothness, while its double/triple twisted yarns cover gives it excellent abrasion and heat resistance, conferring it floating properties. Its flexibility makes it easy to handle.

Also available with 12 strands.

Main characteristics:

- Very good resistance to abrasion and intensive use
- Good behavior in humid conditions (very low water absorption)
- About 40% lighter than regular polyester ropes
- UVstabilized against sunlight
- Flexible and smooth, does not make knots

Specific gravity: 0,99

Melting point: 165° C (polyester & polyolefin)

Elongation in % of the breaking load :

- 25 % … 4,0 %
- 50 % … 6,0 %

Main uses:

- Mooring lines
- Towing lines

... *Read more*

Material: Polyester and polypropylene yarns

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Technical data

Part code	Diameter mm	Min. breaking force kN	Weight kg/100m
300802400000170	24	105	26.6
300802600000170	26	126	31.7
300802800000170	28	148	36.8
300803000000170	30	170	43
300803200000170	32	190	47.8
300803600000170	36	238	60.6
300804000000170	40	290	75
300804400000170	44	346	90
300804800000170	48	407	107.5
300805200000170	52	471	126.5
300805600000170	56	542	146
300806000000170	60	615	168
300806400000170	64	695	191
300806800000170	68	780	216
300807200000170	72	870	242.5
300808000000170	80	1,065	298.5
300808800000170	88	1,275	361
300809600000170	96	1,500	430
300810400000170	104	1,750	505.5
300811200000170	112	2,020	589
300812000000170	120	2,235	670
300812800000170	128	2,530	765
300813600000170	136	2,850	865.5

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