

**PRODUCT INFORMATION**

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**TEXTILE ROPE**

**powerflote**

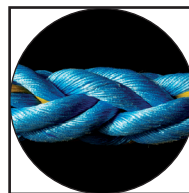
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## powerflote

8-strand square plaited

Nominal Rope-Size (~mm Ø)	Nominal Rope Circ. ~" inch	Rope Weight ~ kg/m	Minimum Breaking Force	
			kN	kgf
40	5	0,73	289	29500
44	5½	0,88	345	35200
48	6	1,05	408	41600
52	6½	1,23	472	48100
56	7	1,43	541	55200
60	7½	1,64	618	63000
64	8	1,86	699	71300
68	8½	2,10	784	80000
72	9	2,35	879	89700
80	10	2,90	1080	110000
88	11	3,52	1210	123000
96	12	4,19	1430	146000

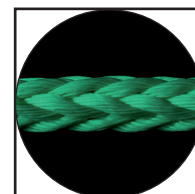
Material: High Tenacity Polyethylene  
 Specific Gravity: 0,91  
 Melting point: 165°C  
 Operating Temperature: 70°C (max./continuous use)



High strength...  
 Light, ergonomic, floats.  
 Similar to polypropylene.  
 But: superior wear resistance  
 and significantly stronger.

## Ships...

Shown here: typical ropes used on board



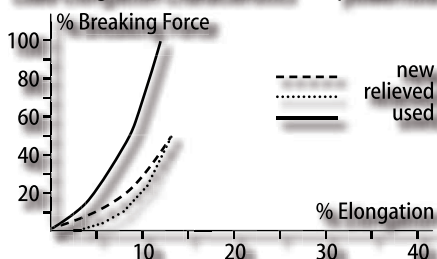
## powerflote 12

12-strand braided

Nominal Rope-Size (~mm Ø)	Nominal Rope Circ. ~" inch	Rope Weight ~ kg/m	Minimum Breaking Force	
			kN	kgf
40	5	0,73	297	30400
44	5½	0,88	353	36000
48	6	1,05	408	41600
52	6½	1,22	482	49200
56	7	1,32	537	54800
60	7½	1,63	630	64300
64	8	1,83	703	71700
68	8½	2,07	793	80900
72	9	2,32	884	90200
80	10	2,89	1090	111000
88	11	3,54	1280	131000
96	12	4,25	1500	153000

Material: High Tenacity Polyethylene  
 Specific Gravity: 0,91  
 Melting Point: 165°C  
 Operating Temperature: 70°C (max./continuous use)

Load-Elongation Characteristics powerflote



## Impregnation .....

- ...an effective gain for extra life and safety:  
 AFC emulsions (PE, PFF or PUD-based, depending on rope material) protect rope yarns, therefore
- optimise load distribution and elongation balance within the strand structure
  - protect yarns from rubbing against one another and from infiltration of foreign particles
  - effectively reduce wear inside the rope

Colours of ropes illustrated subject to change