

**PRODUCT INFORMATION**

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**TEXTILE ROPE**

aracor

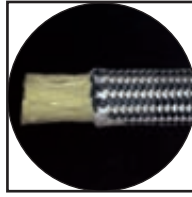
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**aracor pro**

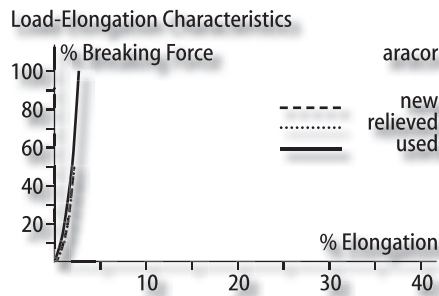
Kernmantle rope, Core: parallel

Nominal Rope-Size (~mm Ø)	Rope Weight ~ kg/m	Minimum Breaking Force	
		kN	tf
6	0,028	20	2,04
8	0,043	29	2,97
10	0,065	49	5,01
14	0,143	98	10,0
17	0,206	147	15,0
20	0,279	196	20,0
22	0,341	245	25,0
25	0,435	294	30,1
25	0,472	343	35,1
27	0,542	392	40,8
29	0,609	441	45,1
31	0,678	491	50,1
34	0,830	589	60,2
36	0,944	687	70,2
39	1,08	785	80,2
41	1,23	883	90,2

Material: Aromatic Polyamide  
 Specific Gravity: ~ 1,44  
 Melting Point: 415°C  
 Operating Temperature: 130°C (max./continuous use)



Special case...  
 ideal for holding and anchoring.  
 Extremely high tensile strength,  
 almost like steel, extremely low  
 elongation, neither static nor elastic.  
 But: low wear resistance, low flexural  
 stability and dynamic load resistance.

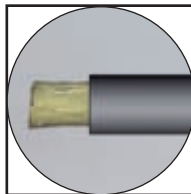


**aracor jetline**

Core: parallel laid yarns  
 Cover: polyethylene extruded coating

Nominal Rope-Size (~mm Ø)	Rope Weight ~ kg/m	Minimum Breaking Force	
		kN	tf
4	0,013	5,40	0,55
5	0,018	9,40	0,96
6	0,031	17,8	1,82
8	0,051	29,9	3,06
11	0,082	49,9	5,10
12	0,103	68,7	7,02
13,5	0,141	92,7	9,48
15,5	0,174	120	12,3
17	0,219	156	15,9
19	0,257	189	19,3
23	0,411	260	26,6
27	0,496	312	31,7
30	0,612	379	38,8
31	0,710	468	47,9
35	0,885	580	59,3
39	1,090	714	73,0
43	1,320	892	91,2

Material: Aromatic Polyamide  
 Specific Gravity: ~ 1,44  
 Melting Point: 415°C  
 Operating Temperature: 130°C (max./continuous use)



**Variations...**

There is no standard for this, hence figures are only typical and may vary depending on application.

The rope weight is defined as the linear rope mass under pretension, approximate limit deviation ±3%. The nominal rope size is the approximate rope diameter in mm, the nominal rope circumference the approximate rope circumference in inches. Minimum breaking forces determined according to current ISO standard. (Test result meets requirement if break occurs either at 100% of relevant value when linear (unspliced), or minimum 90% at splice).