SELDIS polysteen

PRODUCT INFORMATION

TEXTILE ROPE

Natural fibre ropes

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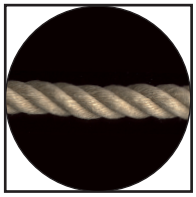
Hemp rope

4-strand twisted

Nominal Rope-Size	Rope Weight	Minimum Breaking Force	
mm	~ kg/m	kN	kgf
6	0,027	2,60	265
8	0,047	4,50	460
10	0,074	7,00	715
12	0,111	10,8	1100
14	0,141	13,8	1400
16	0,185	18,3	1870
18	0,230	22,5	2300
20	0,285	27,8	2840
22	0,345	32,4	3310
24	0,410	39,8	4060
26	0,485	46,0	4690
28	0,560	54,1	5520
30	0,640	61,8	6310
40	1,15	99,8	10200

Material: Hemp
Specific Gravity: ~1,50
Melting Point: burns
Operating Temperature: 40°C (max./continuous use)



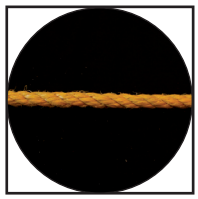
Natural...
Chafe resistant,
low elongation,
high wet strength.
But:
low rot resistancy,
reduced dry strength.

Manila rope

3-strand twisted

Nominal Rope-Size	Rope Weight	Minimum Breaking Force	
mm	~ kg/m	kN	kgf
6	0,025	2,89	295
8	0,044	5,05	515
10	0,069	7,78	794
12	0,100	11,1	1130
14	0,136	14,9	1520
16	0,177	19,3	1970
18	0,225	24,3	2480
20	0,277	29,8	3040
22	0,335	35,9	3660
24	0,399	42,5	4340
26	0,468	49,6	5060
28	0,543	57,2	5830
30	0,624	65,4	6670
32	0,710	74,1	7560
36	0,898	93,1	9500
40	1,11	114	11600
44	1,34	137	14000

Material: Manila
Specific Gravity: ~1,50
Melting Point: burns
Operating Temperature: 40°C (max./continuous use)



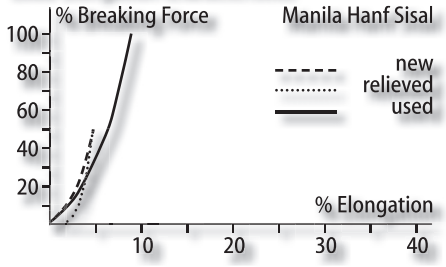
Sisal rope

3-strand twisted

Nominal Rope-Size	Rope Weight	Minimum Breaking Force	
mm	~ kg/m	kN	kgf
6	0,025	2,58	263
8	0,044	4,50	459
10	0,069	6,93	707
12	0,100	9,86	1010
14	0,136	13,3	1360
16	0,177	17,2	1750
18	0,225	21,6	2200
20	0,277	26,5	2700
22	0,335	31,9	3250

Material: Sisal
Specific Gravity: ~1,50
Melting Point: burns
Operating Temperature: 40°C (max./continuous use)

Load-Elongation Characteristics



The rope weight is defined as the linear rope mass under pretension. Hemp: 6-14mm +-10%, 16-40mm +-5%. Permissible limit deviation manila and sisal: 6-8mm ±10%, 10-14mm ±8%, above these ±5%. The nominal rope size is the approximate rope diameter in mm. 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).