

# POWERFORM<sup>®</sup> 18

Powerform 18 is a high performance compacted hoist rope with high strength, and great rotation resistance. Its high rotation resistance is verified by in-house testing in a torque/turn machine; while its increased resistance to crushing makes it ideal for multi-layer spooling operations. The unique compaction process gives it high fatigue life, making it a reliable, high performance rope.

High strength, great  
rotation resistance

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Good resistance to  
rotation

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High fatigue life

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Increased resistance  
to crushing



**BRUNTON**  
**WIRE ROPES**

**THE SPECIALIST**



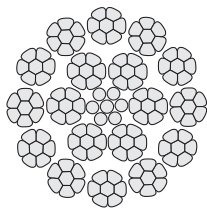
Constructions  
18xK7 or 19xK7

Core  
Steel core

Range  
6mm - 32mm

Rope grade  
1960 / 2160

MBF  
29.4 - 820 kN



Typical applications

Mobile Crane ■ Offshore cranes ■ Floating cranes



NOM. ROPE DIA. mm	NOM. ROPE DIA. in	APPROX. MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
			kN	tonnes	kN	tonnes
6		17.5	29.4	3.0		
7		23.8	38.0	3.9		
8		31.0	51.8	5.3		
9		39.3	64.6	6.6		
10		48.5	80.8	8.2		
11		58.7	101.0	10.3	111	11.3
12		69.8	116.0	11.8	127	12.9
	1/2	78.2	135.0	13.8	148	15.1
13		82.0	141.0	14.4	155	15.8
14		95.1	160.0	16.3	177	18.0
15		109.0	182.0	18.6	201	20.5
16	5/8	124.0	209.0	21.3	232	23.6
17		140.0	237.0	24.2	262	26.7
18		157.0	266.0	27.1	295	30.1
	3/4	175.0	291.0	29.7	322	32.8
20		194.0	320.0	32.6	359	36.6
22		235.0	379.0	38.6	424	43.2
	7/8	240.0	387.0	39.4	433	44.1
24		279.0	462.0	47.1	523	53.3
	1	313.0	517.0	52.7	585	59.6
26		328.0	542.0	55.2	613	62.5
28		380.0	632.0	64.4	710	72.4
30		437.0	721.0	73.5	809	82.5
32	1 1/4	497.0	820.0	83.6	920	93.8

Note: Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.



Get in touch with us

Write to us at [contact@bsme.uae](mailto:contact@bsme.uae)

To send us a detailed enquiry

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Use our rope selector to find the right rope

[CLICK HERE →](#)

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Ropes FZCo.

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