

POWERFORM[®] 19S

Powerform 19S belongs to our range of high performance compacted ropes. Its performance characteristics rank it very high on the spectrum of reliable ropes.

Good rotational stability

High radial stiffness and diameter stability

Smoother contact surface with respect to conventional hoist ropes

High resistance to side pressure and crushing

Enhanced resistance to fleet angle if plastic impregnated

Lower torque factor compared to traditional hoist ropes



BRUNTON
WIRE ROPES

THE SPECIALIST



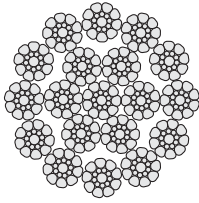
Constructions
19xK19S

Core
Steel core

Range
17mm - 32mm

Rope grade
1960, 2160

MBF
246 - 870 kN



Typical applications

Mobile harbour cranes ▪ Mobile cranes
Crawler cranes ▪ Tower cranes



Diameter		Metallic area		Mass		MBF		
mm	in.	MM ²	in. ²	kg/m	lb/ft	kN	tonnes	kips
17		159	0.247	1.30	0.874	246	25.0	55.3
18		178	0.276	1.46	0.980	275	28.1	62.0
19	3/4	199	0.308	1.62	1.09	307	31.3	69.0
20		220	0.341	1.80	1.21	340	34.7	76.5
22		266	0.413	2.18	1.46	411	41.9	92.6
	7/8	272	0.421	2.22	1.49	420	42.8	94.5
24		317	0.491	2.59	1.74	490	49.9	110
25		344	0.533	2.81	1.89	531	54.2	120
	1	355	0.550	2.90	1.95	548	55.9	123
26		372	0.577	3.04	2.04	575	58.6	129
28		432	0.669	3.53	2.73	666	67.9	150
	1 1/8	449	0.697	3.67	2.47	694	70.7	156
30		495	0.768	4.05	2.72	765	78.0	172
	1 1/4	555	0.860	4.54	3.05	857	87.3	193
32		564	0.874	4.61	3.10	870	88.7	196

These figures are for guidance only. Other features, such as MBF, dimensions, lay type and plastic fill can be designed on request.

MBF values are referred to 2160 grade, custom values are available on demand.



Get in touch with us

Write to us at contact@bsme.uae

To send us a detailed enquiry

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Ropes FZCo.

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