

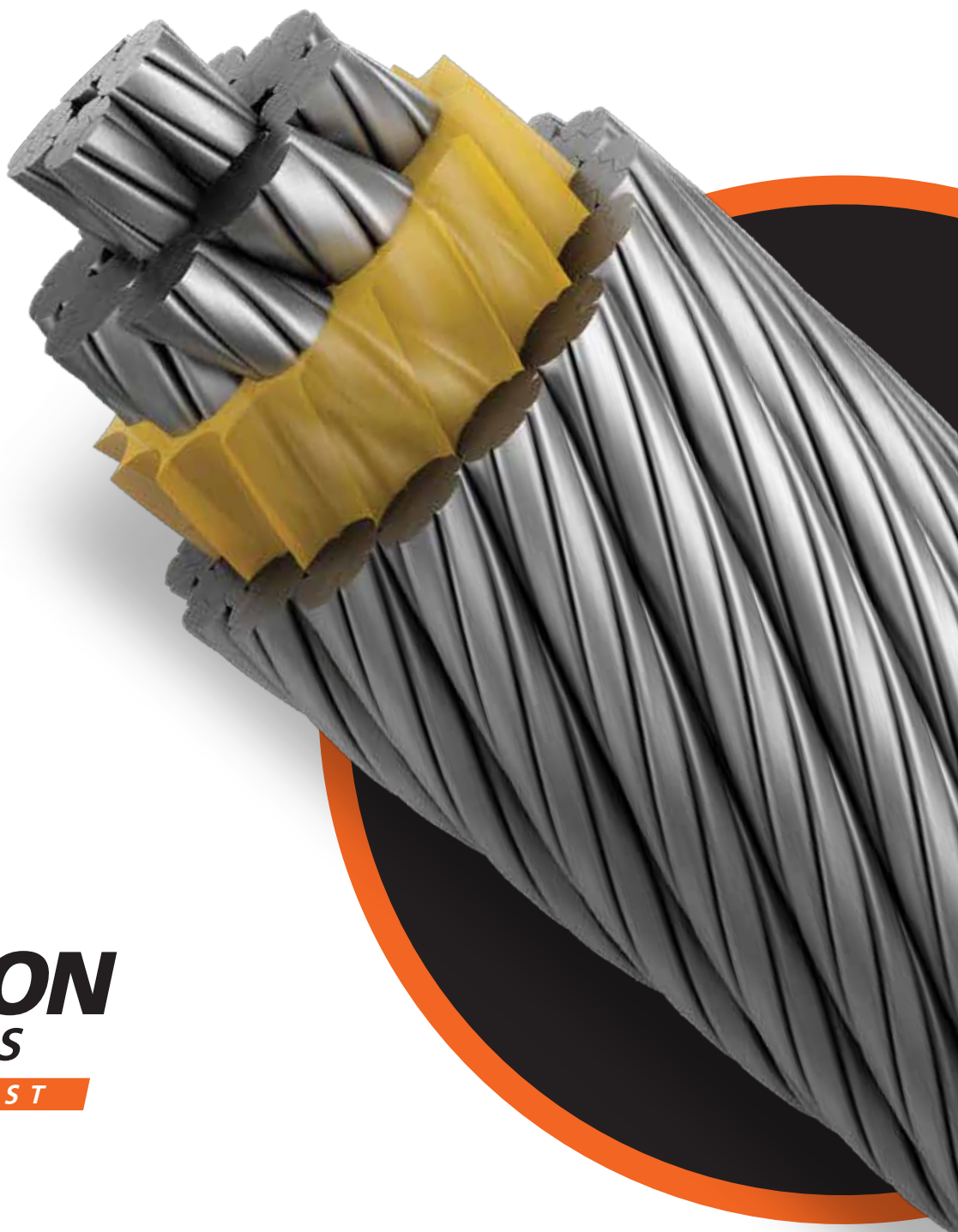
POWERFORM[®] 35XLPS/XLS

Of all low rotation ropes, the Powerform 35 range has the highest strength. A unique compaction process renders a considerably increased abrasion resistance, and gives the rope maximum resistance to rotation.

Extremely high strength

Increased abrasion resistance

Maximum resistance to rotation



BRUNTON
WIRE ROPES

THE SPECIALIST



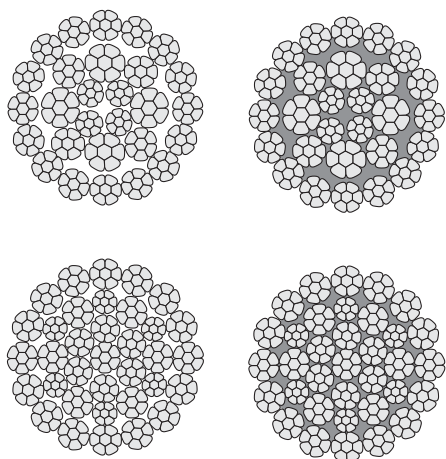
Constructions
28xK7, 35xK7

Core
Steel core (Optional
plastic impregnation)

Range
10mm - 40mm

Rope grade
1960 / 2160

MBF
100 - 1600 kN



Typical applications

Rotary Drilling Machines ▪ Tower Cranes ▪ Crawler Cranes
Mobile Harbour Cranes ▪ Mobile Cranes



Diameter		Metallic area		Mass		MBF		
mm	in.	MM ²	in. ²	kg/m	lb/ft	kN	tonnes	kips
10		56.0	0.087	0.490	0.329	100	10.2	22.5
11		67.8	0.105	0.593	0.398	121	12.3	27.2
12		80.6	0.125	0.706	0.474	144	14.7	32.4
	1/2	90.3	0.140	0.790	0.531	161	16.4	36.3
13		94.6	0.147	0.828	0.556	169	17.2	38.0
14		110	0.170	0.960	0.645	196	20.0	44.1
15		126	0.195	1.10	0.741	225	22.9	50.6
	5/8	141	0.219	1.23	0.830	252	25.7	56.7
16		143	0.222	1.25	0.843	256	26.1	57.6
17		162	0.251	1.42	0.952	289	29.5	65.0
18		181	0.281	1.59	1.07	324	33.0	72.9
19	3/4	210	0.326	1.81	1.21	361	36.8	81.2
20		233	0.361	2.00	1.34	400	40.8	90.0
22		282	0.437	2.42	1.63	484	49.3	109
	7/8	288	0.446	2.47	1.66	494	50.4	111
24		336	0.520	2.88	1.94	576	58.7	130
25		364	0.564	3.13	2.10	625	63.7	141
	1	376	0.582	3.23	2.17	645	65.8	145
26		394	0.610	3.38	2.27	676	68.9	152
28		457	0.708	3.92	2.63	784	79.9	176
	1 1/8	476	0.737	4.08	2.74	817	83.2	184
30		524	0.813	4.50	3.02	900	91.7	203
	1 1/4	587	0.910	5.04	3.39	1010	103	227
32		596	0.925	5.12	3.44	1020	104	230
34		673	1.04	5.78	3.88	1160	118	260
35	1 3/8	710	1.10	6.10	4.10	1220	124	274
36		755	1.17	6.48	4.36	1300	132	292
38	1 1/2	841	1.30	7.22	4.85	1440	147	325
40		932	1.44	8.00	5.38	1600	163	360

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

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BW
Brunton Wire
Ropes FZCo.

P.O. BOX 17491, JEBEL ALI FREE ZONE, DUBAI, UAE

PH.: + 9714 8838755, + 971 50 9537280, + 971 50 177 5929, + 971 50 450 3717

FAX: + 9714 8838152 | E-MAIL: wireropes@bsme-uae.com, sm@bsme-uae.com, bmall@bsme-uae.com

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