

# POWERFORM® 35/35P

- Maximum resistance to rotation.
- Suitable for use on single part and multi-part hoist reeving systems.
- High fatigue life resulting from the unique compaction process.
- Increased resistance to crushing. Recommended for multi-layer spooling operations.
- Increased abrasion resistance resulting from the unique compaction process.
- Optional plastic impregnation. (P) signifies full plastic impregnation of the rope.
- Fully lubricated in manufacturing.

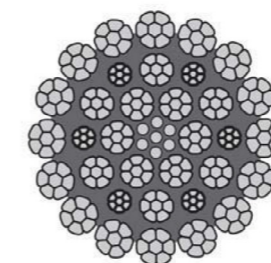
Standard Characteristics Powerform® 35/35P		
Compacted	Yes	No
Grade	1960	2160
Finish	Bright	Galvanised
Lay Direction	Right Hand	Left Hand
Lay Type	Ordinary	Langs
Nominal Fill Factor	0.745	
Turn value at 20% of Breaking force degrees/ '6d'	0.2	
Discard Criteria	Refer to ISO 4309:2019	



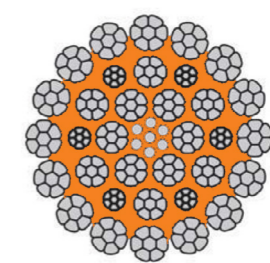
NOMINAL ROPE DIAMETER		APPROX. MASS	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			1960		2160	
mm	in	kg/100m	kN	tonnes	kN	tonnes
	1/2	81.1	148	15.1	160	16.3
13		85.0	155	15.8	167	17.0
14		98.6	180	18.3	192	19.6
16	5/8	129	233	23.8	252	25.7
18		163	300	30.6	321	32.7
19	3/4	182	331	33.7	358	36.0
20		201	372	37.9	399	40.7
21		222	402	41.0	434	44.2
22		243	444	45.3	484	49.3
	7/8	249	453	46.2	490	49.9
24		290	531	54.1	572	58.3
	1	325	591	60.2	640	65.2
26		340	621	63.3	661	67.4
28		394	720	73.4	788	80.3
	1-1/8	411	748	76.2	810	82.6
30		453	827	84.3	904	92.2
32	1-1/4	515	944	96.2	1040	106
35	1-3/8	616	1120	115	1220	124
36		652	1190	121	1290	131
38	1-1/2	726	1330	135	1440	146
40		805	1450	151	1590	162
42		887	1490	151	1620	165
44		974	1620	165	1780	181
	1-3/4	994	1650	168	1800	183
46		1060	1770	180	1930	196
48		1160	1940	197	2120	216
50		1260	2080	212	2300	234
	2	1300	2150	219	2380	242
52		1360	2260	230	2450	249

\* Mass per unit length of POWERFORM 35P increases by approx. 3%

- Note
- | POWERFORM 35P is available on special request and prior confirmation.
  - | Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.



Powerform® 35



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