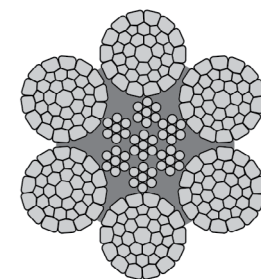


POWERFORM® 6/6P

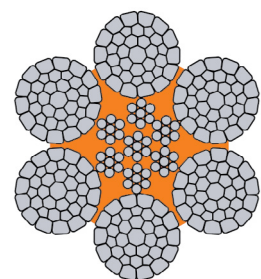
- Powerform® 6 is a high strength rugged six strand rope ideal for situations where longer service life is required.
- High fatigue life resulting from the unique compaction process.
- Maximum resistance to crushing. Recommended for multi-layer spooling operations.
- Increased abrasion resistance resulting from the unique compaction process.
- Fully lubricated in manufacturing.
- Optional plastic impregnation (P) signifies full plastic impregnation of the steel core.

Standard Characteristics Powerform® 6/6P		
Compacted	Yes	No
Grade	1770	1960
Finish	Bright	Galvanised
Lay Direction	Right Hand	Left Hand
Lay Type	Ordinary	Langs
Nominal Fill Factor	0.675	
Turn value at 20% of Breaking force degrees/ '6.5d'	58	
Discard Criteria	Refer to ISO 4309:2019	

Warning : Powerform® 6/6P in Langs lay must only be used in applications where both ends are secured and are unable to rotate.



Powerform® 6



Powerform® 6P

NOMINAL ROPE DIAMETER		APPROX. MASS	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
		1770		1960		
mm	in	kg/100m	kN	tonnes	kN	tonnes
10		46.4	69.5	7.1	85.7	8.7
11		56.1	83.8	8.5	98.6	10.1
12		66.8	100	10.2	114	11.6
	1/2	74.8	113	11.5	140	14.3
13		78.4	118	12.0	147	15.0
14		90.9	137	14.0	170	17.3
15		104	157	16.0	195	19.9
16	5/8	119	178	18.1	218	22.2
17		134	201	20.5	246	25.1
18		150	225	22.9	276	28.1
19	3/4	168	251	25.6	304	31.0
20		186	278	28.3	335	34.1
22		225	336	34.3	400	40.8
	7/8	229	343	35.0	408	41.6
24		267	400	40.8	489	49.8
	1	299	449	45.8	552	56.3
26		314	470	47.9	578	58.9
28		364	545	55.6	657	67.0
30		418	626	63.8	757	77.2
32	1-1/4	475	712	72.6	846	86.2
34		518	804	82.0	916	93.4
36		581	901	91.8	1065	109
38	1-1/2	647	1004	102	1165	119
40		717	1112	113	1295	132
42		790	1226	125	1425	145
44		867	1246	127	1505	153
46		948	1362	139	1665	170
48		1032	1483	151	1885	192
50		1120	1609	164	1975	201
52		1211	1741	177	2135	218
54		1306	1877	191	2325	237
56		1405	2019	206	2475	252
58		1507	2166	221	2650	270
60		1613	2317	236	2810	286

*Mass per unit length of POWERFORM 6P increases by approx. 3%

Note: | Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.
 | POWERFORM 6P is available only for 16 mm and above on special request and prior confirmation.