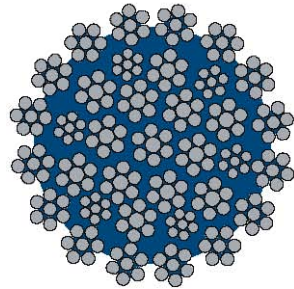




HYFLEX 35



Hyflex 35

- Hyflex 35 is a high strength flexible hoist rope.
- Maximum resistance to rotation verified by testing on the in-house torque/turn machine.
- Suitable for use on single part and multi-part hoist reeving systems.
- Langs lay construction offers maximum resistance to wear.
- A sample of rope from each production batch is tested to destruction in order to confirm compliance with catalogue breaking force values.



Standard Characteristics Hyflex 35

Construction	35x7(16x7:6x7+6x7-6x7-1x7)	
Compacted	Yes	No
		◆
Tensile Grade N/mm ²	1960	2160
		◆
Finish	Bright	Galvanised
		◆
Lay Direction	Right Hand	Left Hand
	◆	
Lay Type	Ordinary	Langs
	◆	◆
Average Fill Factor (%)	63.5	
Turn value at 20% of breaking force degrees/rope lay	0.2	
Nominal rope lay length (NRD = Nominal Rope Diameter)	5.8 x NRD	
Discard Criteria	Refer to ISO 4309:1990	



NOM. ROPE DIA. mm	APPROX. DIA ins.	APPROX. MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1960 N/mm ²		2160 N/mm ²	
			kN	tonnes	kN	tonnes
8	5/16	28.5	47.5	4.8	56.5	5.8
9		36.1	60.5	6.2	69.0	7.0
10		44.6	76.0	7.8	86.5	8.8
11	7/16	54.0	91.0	9.3	104	10.7
12		63.8	107	10.9	125	12.7
13	1/2	75.6	128	13.1	146	14.9
14		87.4	148	15.1	168	17.1
15		100	171	17.4	191	19.5
16	5/8	114	194	19.8	221	22.5
17		128	217	22.1	241	24.6
18		144	242	24.7	277	28.2
19	3/4	161	277	28.2	312	31.8
20		179	301	30.7	337	34.4
21	13/16	196	335	34.2	370	37.7
22	7/8	220	370	37.7	412	42.0
23		236	400	40.8	448	45.7
24	15/16	257	441	45.0	498	50.8
25		278	473	48.2	537	54.8
26	1	302	517	52.7	581	59.2
27		325	549	56.0	632	64.5
28		349	599	61.1	681	69.4
30		399	679	69.2	775	79.0
32	1.1/4	456	769	78.4	865	88.2

Typical Applications

