

HYFLEX 8/8P

An extremely versatile high strength 8 strand rope with a plastic impregnated core, the Hyflex 8P offers very good bend fatigue life, greater surface contact, among other advantages.

High A flexible high strength eight strand ropequality flexible crane rope

Optional plastic impregnated core

Good bending fatigue life

Higher surface contact owing to 8 strand construction

Fully lubricated in manufacturing



BRUNTON
WIRE ROPES
THE SPECIALIST



HYFLEX 8/8P

Constructions

8x26SW, 8x36SW

Core

Steel Core (Optional
Plastic impregnation)

Range

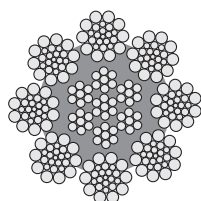
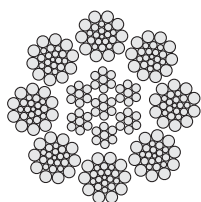
10mm - 52mm

Rope grade

1960 / 2160

MBF

72.9 - 2202 kN



Typical applications

Marine riser tensioner ▪ Subsea winches
Offshore cranes ▪ Lifeboat ▪ Floating cranes
Mobile harbour cranes ▪ Ship to shore cranes
Bulk unloader cranes ▪ Container handlers
Ship lift ▪ Ship derrick cranes



NOM. ROPE DIA. mm	NOM. ROPE DIA. in	APPROX. MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1960 N/mm ²		2160 N/mm ²	
			kN	tonnes	kN	tonnes
10		43.5	72.9	7.4	81.4	8.3
11		52.6	86.1	8.8	96.5	9.8
12		62.6	105	10.7	117.0	11.9
	1/2	70.2	123	12.5	131.0	13.4
13		73.5	124	12.6	138.0	14.1
14		85.3	143	14.6	160.0	16.3
15		97.9	164	16.7	183.0	18.7
16	5/8	111.0	187	19.1	208.0	21.2
17		126.0	211	21.5	239.0	24.4
18		141.0	239	24.4	267.0	27.2
19	3/4	157.0	269	27.4	300.0	30.6
20		174.0	295	30.1	331.0	33.7
22		211.0	356	36.3	400.0	40.8
	7/8	215.0	360	36.7	402.0	41.0
24		251.0	423	43.1	475.0	48.4
	1	281.0	470	47.9	525.0	53.5
26		297.0	500	51.0	562.0	57.3
28		345.0	572	58.3	642.0	65.4
	1 1/8	359.0	596	60.8	665.0	67.8
30		396.0	656	66.9	733.0	74.7
32	1 1/4	451.0	747	76.1	836.0	85.2
34		509.0	843	85.9	945.0	96.3
36		570.0	935	95.3	1053.0	107.0
38	1 1/2	635.0	1043	106.0	1172.0	119.0
40		704.0	1162	118.0	1313.0	134.0
42		785.0	1305	133.0	1462.0	149.0
44		862.0	1412	144.0	1577.0	161.0
	1 3/4	879.0	1441	147.0	1613.0	164.0
46		942.0	1543	157.0	1731.0	176.0
48		1025.0	1680	171.0	1885.0	192.0
50		1113.0	1833	187.0	2065.0	210.0
	2	1148.0	1882	192.0	2101.0	214.0
52		1203.0	1972	201.0	2202.0	224.0

* Mass per unit length of HYFLEX 8P increases by approx. 3%

Note: • Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.
• HYFLEX 8P is available for rope diameter 16 mm and above on special request and prior confirmation.



Get in touch with us

Write to us at contact@bsme.uae

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