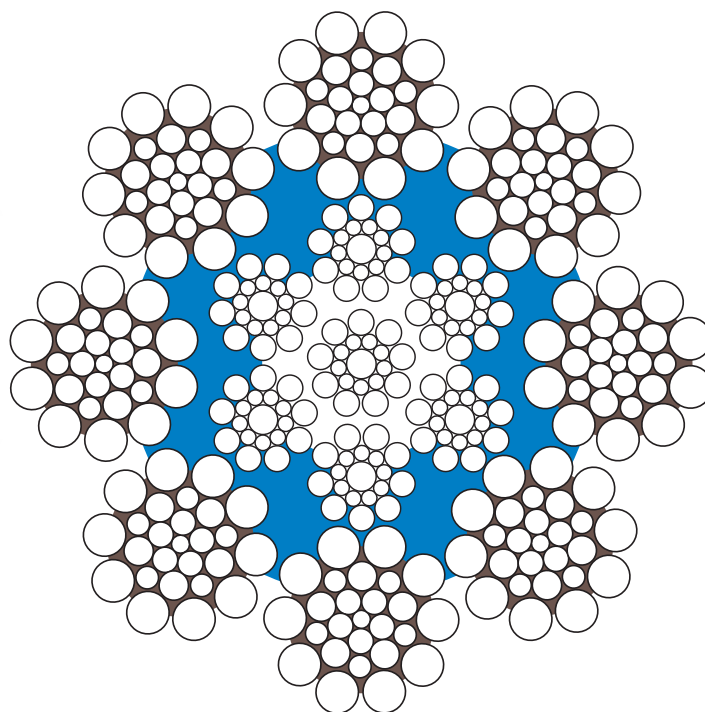


Hyfil R8

- Non-Rotation Resistant Rope
- Should not be used with a Swivel
- Zinc Coated / Alumar Coated / Bright
- Steel Plastic Combination



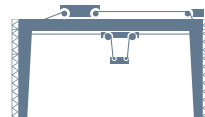
TOWER CRANE



OVERHEAD
TRAVELING CRANE



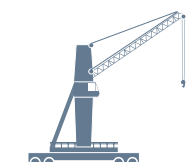
LADLE CRANE



GANTRY CRANE



RTGC / RMGC



MOBILE
HARBOUR CRANE



DECK CRANE



OFFSHORE CRANE

Technical Data

Diameter Range (mm)	Average Fill Factor	Average Spin Factor			Average Weight Factor	Lay Direction
		1770	1960	2160		
8-60	0.605	0.889	0.889	0.856	0.916	Regular Lay Lang's Lay

Diameter range (mm)	Total number of load-bearing wires in the outer layer of strands	Discard criteria (Number of broken wires)					
		Single layer drum & Steel sheaves				Multi-layer drum	
		Classes M1 to M4				All classes	
		Ordinary Lay		Lang's Lay		Ordinary & Lang's Lay	
		6xd	30xd	6xd	30xd	6xd	30xd
8-42	208	9	18	4	9	18	36
43-48	248	10	21	5	10	20	42
49-60	288	12	24	6	12	24	48

Nominal Rope Diameter		Diameter tolerance		Outer wire Diameter	Metric unit.						Imperial unit.			
					Unit weight	MBL				Unit weight	MBL			
		min.	max.			1770 Grade	1960 Grade	1770 Grade	1960 Grade					
										mm	inches	kg/m	kN	t(M)
8		8.16	8.32	0.48	0.276	47.87	4.88	53.01	5.41	0.185	10,745	5.38	11,899	5.96
9		9.18	9.36	0.54	0.349	60.58	6.18	67.09	6.84	0.235	13,600	6.81	15,060	7.54
10		10.20	10.40	0.60	0.431	74.79	7.63	82.82	8.45	0.290	16,790	8.41	18,592	9.31
11		11.22	11.44	0.66	0.522	90.50	9.23	100.2	10.22	0.351	20,316	10.17	22,496	11.26
12		12.24	12.48	0.71	0.621	107.7	10.98	119.3	12.16	0.417	24,177	12.11	26,772	13.41
12.7	1/2	12.95	13.21	0.76	0.695	120.6	12.30	133.6	13.62	0.467	27,080	13.56	29,987	15.02
13		13.26	13.52	0.77	0.729	126.4	12.89	140.0	14.27	0.490	28,374	14.21	31,420	15.73
14		14.28	14.56	0.83	0.845	146.6	14.95	162.3	16.55	0.568	32,908	16.48	36,440	18.25
14.3	9/16	14.59	14.87	0.85	0.882	152.9	15.60	169.4	17.27	0.593	34,333	17.19	38,019	19.04
15		15.30	15.60	0.89	0.970	168.3	17.16	186.3	19.00	0.652	37,777	18.92	41,832	20.95
15.9	5/8	16.22	16.54	0.95	1.090	189.1	19.28	209.4	21.35	0.732	42,446	21.25	47,002	23.54
16		16.32	16.64	0.95	1.104	191.5	19.52	212.0	21.62	0.742	42,981	21.52	47,595	23.83
17		17.34	17.68	1.01	1.246	216.2	22.04	239.4	24.41	0.837	48,522	24.30	53,731	26.90
18		18.36	18.72	1.07	1.397	242.3	24.71	268.3	27.36	0.939	54,398	27.24	60,238	30.16
19		19.38	19.76	1.13	1.557	270.0	27.53	299.0	30.49	1.046	60,611	30.35	67,117	33.61
19.1	3/4	19.48	19.86	1.14	1.573	272.9	27.82	302.1	30.81	1.057	61,250	30.67	67,825	33.96
20		20.40	20.80	1.19	1.725	299.2	30.51	331.3	33.78	1.159	67,158	33.63	74,368	37.24
21		21.42	21.84	1.25	1.902	329.8	33.63	365.2	37.24	1.278	74,042	37.08	81,990	41.06
22		22.44	22.88	1.31	2.087	362.0	36.91	400.9	40.88	1.402	81,262	40.69	89,985	45.06
22.2	7/8	22.64	23.09	1.32	2.125	368.6	37.59	408.2	41.62	1.428	82,746	41.43	91,628	45.88
23		23.46	23.92	1.37	2.281	395.7	40.35	438.1	44.68	1.533	88,817	44.47	98,351	49.25
24		24.48	24.96	1.43	2.484	430.8	43.93	477.1	48.65	1.669	96,708	48.42	107,089	53.62
25		25.50	26.00	1.49	2.695	467.5	47.67	517.6	52.78	1.811	104,935	52.54	116,199	58.18
25.4	1	25.91	26.42	1.51	2.782	482.5	49.20	534.3	54.49	1.869	108,320	54.24	119,948	60.06
26		26.52	27.04	1.55	2.915	505.6	51.56	559.9	57.09	1.959	113,498	56.83	125,681	62.93
27		27.54	28.08	1.61	3.143	545.2	55.60	603.8	61.57	2.112	122,396	61.29	135,535	67.87
28		28.56	29.12	1.67	3.380	586.4	59.79	649.3	66.21	2.271	131,631	65.91	145,760	72.99
28.6	1-1/8	29.17	29.74	1.70	3.527	611.8	62.38	677.4	69.08	2.370	137,332	68.77	152,074	76.15
29		29.58	30.16	1.73	3.626	629.0	64.14	696.5	71.03	2.437	141,201	70.70	156,358	78.29
30		30.60	31.20	1.79	3.881	673.1	68.64	745.4	76.01	2.608	151,107	75.66	167,327	83.79
31		31.62	32.24	1.85	4.144	718.8	73.29	795.9	81.16	2.785	161,348	80.79	178,668	89.46
31.8	1-1/4	32.44	33.07	1.89	4.360	756.3	77.13	837.5	85.40	2.930	169,783	85.02	188,009	94.14
32		32.64	33.28	1.91	4.415	765.9	78.10	848.1	86.48	2.967	171,926	86.09	190,381	95.33
33		33.66	34.32	1.97	4.696	814.5	83.06	901.9	91.97	3.156	182,839	91.55	202,466	101.4
34		34.68	35.36	2.03	4.984	864.6	88.17	957.4	97.63	3.349	194,088	97.19	214,922	107.6
34.9	1-3/8	35.60	36.30	2.08	5.252	911.0	92.89	1009	102.9	3.529	204,499	102.4	226,451	113.4
35		35.70	36.40	2.08	5.282	916.2	93.43	1015	103.5	3.549	205,673	103.0	227,751	114.0
36		36.72	37.44	2.14	5.588	969.3	98.84	1073	109.5	3.755	217,594	109.0	240,951	120.7
38		38.76	39.52	2.26	6.226	1080	110.1	1196	122.0	4.184	242,442	121.4	268,467	134.4
38.1	1-1/2	38.86	39.62	2.27	6.259	1086	110.7	1202	122.6	4.206	243,720	122.0	269,882	135.1
40		40.80	41.60	2.38	6.899	1197	122.0	1325	135.1	4.636	268,634	134.5	297,470	149.0
41.3	1-5/8	42.13	42.95	2.46	7.355	1276	130.1	1413	144.1	4.942	286,379	143.4	317,120	158.8
42		42.84	43.68	2.50	7.606	1319	134.5	1461	149.0	5.111	296,169	148.3	327,961	164.2
44		44.88	45.76	2.27	8.348	1448	147.7	1603	163.5	5.610	325,047	162.8	359,939	180.2
44.5	1-3/4	45.39	46.28	2.30	8.539	1481	151.0	1640	167.2	5.738	332,476	166.5	368,166	184.4
45		45.90	46.80	2.33	8.731	1515	154.4	1677	171.0	5.867	339,990	170.2	376,486	188.5
46		46.92	47.84	2.38	9.124	1583	161.4	1753	178.7	6.131	355,268	177.9	393,405	197.0
47.6	1-7/8	48.55	49.50	2.46	9.770	1695	172.8	1877	191.4	6.565	380,413	190.5	421,248	210.9
48		48.96	49.92	2.48	9.934	1723	175.7	1908	194.6	6.675	386,833	193.7	428,357	214.5
50		51.00	52.00	2.28	10.78	1870	190.7	2071	211.1	7.244	419,741	210.2	464,798	232.7
50.8	2	51.82	52.83	2.32	11.13	1930	196.8	2137	217.9	7.477	433,280	217.0	479,790	240.2
52		53.04	54.08	2.37	11.66	2022	206.2	2240	228.4	7.834	453,992	227.3	502,725	251.7
54	2-1/8	55.08	56.16	2.46	12.57	2181	222.4	2415	246.3	8.449	489,585	245.2	542,140	271.5
56		57.12	58.24	2.55	13.52	2346	239.2	2597	264.8	9.086	526,523	263.6	583,042	291.9
57.2	2-1/4	58.34	59.49	2.61	14.11	2447	249.5	2710	276.3	9.480	549,330	275.1	608,297	304.6
58		59.16	60.32	2.64	14.51	2516	256.6	2786	284.1	9.747	564,803	282.8	625,431	313.2
60		61.20	62.40	2.73	15.52	2693	274.6	2982	304.0	10.43	604,426	302.7	669,308	335.1