

Hyfil R8



●	●		●
Regular Lay	Langs Lay	Compacted	Rotary Swaged PI

Hyfil R8'in Özellikleri

Benefits of Hyfil R8:

- Hyfil R8 dış demetler ile öz arasında plastik dolguya sahiptir.
Hyfil R8 has a plastic layer between the core and the compacted outer strands.
- Hyfil R8 yüksek kopma kuvvetine ve yapısal sağlamlığa sahiptir.
Hyfil R8 has a high breaking load and good structural stability.
- Hyfil R8 galvaniz veya siyah tellerden yapılmış olup tam olarak yağlanmıştır.
Hyfil R8 is fully lubricated and made out of galvanized/ungalvanized wires.
- Hyfil R8 çok katmanlı makara sistemlerinde mükemmel performans gösterir.
Hyfil R8 is suitable for multi layer spooling.
- Hyfil R8 makara sıkışmalarına karşı mükemmel dayanma gösterir.
Hyfil R8 has a good resistance against drum crushing.
- Hyfil R8 firdöndü ile kullanılmamalıdır.
Hyfil R8 must not be used with a swivel.

Değiştirme Kriteri (Discard Criteria)

Dış Damarlarda Yüke Binen Tel Kırıkları Sayısı (The number of break in the load bearing wires in outer strands)

Uzunluk Length	Regular Ray		Langs Ray	
	6Xd	30Xd	6Xd	30Xd
Discard	18	35	9	18

Hyfil R8'inn Dizaynı

(The basic designed data of Hyfil R6)

mm (Size)	12-42	42-78	42-54
Toplam Tel Adedi (Total Number of Wire)	341	381	421
Dış Damarlarda Yüke Binen Toplam Tel Sayısı (Number of Load-bearing Wires in Outer Strands)	208	248	288
Dış Damarlarda Bulunan Dış Tel Sayısı (Number of Outer Wires in Outer Strands)	80	96	112
Ortalama Dolgu Faktörü (Average Fill Factor)		0.67	

Diameter Çap	Calculated Breaking Strength (Calculated Breaking Strength)				Minimum Breaking Strength (Minimum Breaking Strength)				Unit Weight (Unit Weight)
	1770 Grade		1960 Grade		1770 Grade		1960 Grade		
	kN	t(M)	kN	t(M)	kN	t(M)	kN	t(M)	
8	53.82	5.49	61.48	6.27	47.69	4.86	52.81	5.38	0.279
9	68.11	6.95	77.81	7.93	60.36	6.15	66.84	6.82	0.353
10	84.09	8.57	96.06	9.80	74.51	7.60	82.51	8.41	0.435
11	101.7	10.38	116.2	11.85	90.16	9.19	99.84	10.18	0.527
12	121.1	12.35	138.3	14.10	107.3	10.94	118.8	12.12	0.627
12.7	135.6	13.83	154.9	15.79	120.2	12.25	133.1	13.57	0.702
13	142.1	14.49	162.3	16.55	125.9	12.84	139.4	14.22	0.735
14	164.8	16.81	188.3	19.20	146.0	14.89	161.7	16.49	0.853
15	189.2	19.29	216.1	22.04	167.7	17.10	185.6	18.93	0.979
16	215.3	21.95	245.9	25.07	190.8	19.45	211.2	21.54	1.114
17	243.0	24.78	277.6	28.31	215.3	21.96	238.5	24.31	1.258
18	272.5	27.78	311.2	31.73	241.4	24.62	267.3	27.26	1.410
19	303.6	30.95	346.8	35.36	269.0	27.43	297.9	30.37	1.571
20	336.4	34.30	384.2	39.18	298.0	30.39	330.1	33.66	1.741
21	370.8	37.81	423.6	43.19	328.6	33.51	363.9	37.10	1.919
22	407.0	41.50	464.9	47.40	360.6	36.77	399.4	40.72	2.106
22.4	421.9	43.02	482.0	49.15	373.9	38.12	414.0	42.22	2.184
23	444.8	45.36	508.1	51.81	394.2	40.19	436.5	44.51	2.302
24	484.4	49.39	553.3	56.42	429.2	43.76	475.3	48.46	2.507
25	525.6	53.59	600.4	61.22	465.7	47.49	515.7	52.58	2.720
25.4	542.5	55.32	619.7	63.19	480.7	49.02	532.3	54.28	2.808
26	568.5	57.96	649.3	66.21	504.7	51.46	558.8	56.98	2.942
27	613.0	62.51	700.3	71.41	543.2	55.39	601.5	61.33	3.172
28	659.3	67.22	753.1	76.79	584.2	59.57	646.9	65.96	3.412
28.6	687.8	70.14	785.7	80.12	609.5	62.15	674.9	68.82	3.560
29	707.2	72.11	807.8	82.37	626.7	63.90	693.9	70.76	3.660
30	756.8	77.17	864.5	88.15	670.6	68.38	742.6	75.72	3.917
31	808.1	82.40	923.1	94.13	716.1	73.02	793.0	80.86	4.182
32	861.1	87.80	983.6	100.30	763.0	77.80	844.9	86.15	4.456
33	915.7	93.38	1046	106.7	811.4	82.74	898.6	91.63	4.739
34	972.1	99.12	1110	113.2	861.4	87.83	953.9	97.27	5.031
35	1030	105.0	1177	120.0	912.8	93.07	1011	103.1	5.331
36	1090	111.1	1245	127.0	965.7	98.47	1069	109.0	5.640
38	1214	123.8	1387	141.4	1076	109.7	1191	121.5	6.284
40	1345	137.2	1537	156.7	1192	121.6	1320	134.6	6.963
41.3	1434	146.3	1638	167.0	1271	129.6	1407	143.5	7.423
42	1483	151.3	1694	172.7	1314	134.0	1456	148.5	7.677
44	1628	166.0	1860	189.7	1443	147.1	1597	162.9	8.425
45	1703	173.6	1945	192.3	1509	153.9	1671	170.4	8.813
46	1779	181.4	2033	207.3	1577	160.8	1746	178.0	9.209
47.5	1897	193.5	2167	221.0	1681	171.4	1862	189.8	9.819
48	1937	197.6	2213	225.7	1717	175.1	1901	193.8	10.03
50	2102	214.4	2401	244.8	1863	189.9	2063	210.3	10.88
52	2274	231.9	2597	264.8	2015	205.4	2231	227.5	11.77
54	2452	250.0	2801	285.6	2175	221.8	2409	245.6	12.69
56	2637	268.9	2920	297.8	2345	239.1	2597	264.8	13.65
58	2829	288.4	3132	319.4	2509	255.8	2778	283.3	14.64
60	3027	308.7	3352	341.8	2682	273.5	2970	302.9	15.67