

# Hyfil K8



Regular Lay	Langs Lay	Compacted	Rotary Swaged	PI
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## Hyfil K8'in Özellikleri

### Benefits of Hyfil 8:

- Hyfil K8 kompakt dış demetler ile öz arasında plastik dolguya sahiptir.  
*Hyfil K8 has a plastic layer between the core and the compacted outer strands.*
- Hyfil K8 yüksek kopma kuvvetine ve yapısal sağlamlığa sahiptir.  
*Hyfil K8 has a high breaking load and good structural stability.*
- Hyfil K8 galvaniz veya siyah tellerden yapılmış olup tam olarak yağlanmıştır.  
*Hyfil K8 is fully lubricated and made out of galvanized/ungalvanized wires.*
- Hyfil K8 çok katmanlı makara sistemlerinde mükemmel performans gösterir.  
*Hyfil K8 is suitable for multi layer spooling.*
- Hyfil K8 makara sıkışmalarına karşı mükemmel dayanma gösterir.  
*Hyfil K8 has a good resistance against drum crushing.*
- Hyfil K8 firdöndü ile kullanılmamalıdır.  
*Hyfil K8 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 K6'nın Dizaynı

#### (The basic designed data of Hyfil K8)

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	

Halat Çapı Wire Diameter		Çap Toleransı Diameter Tolerance		Yaklaşık Birim Ağırlığı Approximate Unit Wt.		Minimum Kopma Kuvveti (Minimum Breaking Force (Fmin, MBF))							
		min.	max.			Metric Unit				Imperial Unit			
						1960 Grade		2160 Grade		1960 Grade		2160 Grade	
mm	inch	mm	mm	kg/m	lb/ft	kN	t(metric)	kN	t(metric)	klb	t(short)	klb	t(short)
12		12.0	12.5	0.660		126.7	12.9	135.5	13.8				
(12.7)	1/2	12.7	13.2		0.50					31.9	15.9	34.1	17.1
13		13.0	13.5	0.775		148.7	15.2	159.0	16.2				
14		14.0	14.6	0.899		172.4	17.6	184.5	18.8				
(14.3)	9/16	14.3	14.9		0.63					40.4	20.2	43.3	21.6
15		15.0	15.6	1.03		197.9	20.02	211.7	21.6				
(15.9)	5/8	15.9	16.5		0.79					50.6	25.3	54.1	27.1
16		16.0	16.6	1.17		225.0	22.9	240.7					
18		18.0	18.7	1.49		284.7	29.0	304.6	31.1				
19		19.0	19.8	1.66		317.2	32.3	339.4	34.6				
(19.1)	3/4	19.1	19.9		1.11					71.3	35.7	76.3	38.1
20		20.0	20.8	1.83		351.5	35.8	376.1	38.3				
22		22.0	22.9	2.22		425.3	43.4	455.0	46.4				
(22.2)	7/8	22.2	23.1		1.52					97.4	48.7	104.2	52.1
24		24.0	25.0	2.64		506.2	51.6	541.5	55.2				
25		25.0	26.0	2.87		548.7	55.9	587.0	59.9				
(25.4)	1	25.4	26.4		1.99					127.3	63.7	136.2	68.1
26		26.0	27.0	3.10		593.4	60.5	634.9	64.7				
27		27.0	28.1	3.34		640.0	65.3	684.7	69.8				
28		28.0	29.1	3.59		688.2	70.2	736.4	75.1				
(28.6)	1-1/8	28.6	29.7		2.52					161.4	80.7	172.7	86.4
29		29.0	30.2	3.86		738.3	75.3	789.9	80.5				
30		30.0	31.2	4.13		790.1	80.6	845.3	86.2				
31		31.0	32.2	4.41		843.6	86.0	902.6	92.0				
(31.8)	1-1/4	31.8	33.1		3.16					202.1	101.0	216.2	108.1
32		32.0	33.3	4.84	4.84		858.0	87.5	910.1	92.8			
33		33.0	34.3	4.99		956.0	97.5	1,022.8	104.3				
34		34.0	35.4	5.30		1,014.8	103.5	1,085.8	110.7				
(34.9)	1-3/8	34.9	36.3		3.77					241.7	120.9	258.6	129.3
35		35.0	36.4	5.62		1,075.4	109.7	1,150.6	117.3				
36		36.0	37.4	5.94		1,137.7	116.0	1,217.2	124.1				
38		38.0	39.5		4.45	1,267.6	129.3	1,356.3	138.3				
(38.1)	1-1/2	38.1	39.6	6.62						285.0	142.5	304.9	152.9
40		40.0	41.6	7.34		1,404.6	143.2	1,502.8	153.2				
(41.3)	1-5/8	41.3	43.0		5.26					336.6	168.3	360.1	180.1
42		42.0	43.7	8.09		1,548.6	157.9	1,656.8	168.9				
44		44.0	45.8	8.88		1,699.6	173.3	1,818.4	185.4				
(44.5)	1-3/4	44.5	46.3		6.10					390.8	195.4	418.1	209.1
45		45.0	46.8	9.57		1,696.7	173.0	1,799.7	183.5				
46		46.0	47.8	9.70		1,857.6	189.4	1,987.4	202.7				
(47.6)	1-7/8	47.6	49.5		6.95					445.3	222.6	476.4	238.2
48	48.0	49.9	10.56			2,022.6	206.2	2,164.0	220.7				
50		50.0	52.0	11.46		2,194.7	223.8	2,348.1	239.4				
(50.8)	2	50.8	52.8		7.95					509.3	254.6	544.9	272.4
52		52.0	54.1	12.40		2,373.8	242.0	2,539.7	259.0				
54		54.0	56.2	13.37		2,559.9	261.0	2,738.8	279.3				