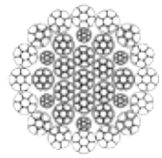
Hyfil K16



Regular Lay	Langs Lay	Compacted	Rotary Swaged	PI
●	●	●		●

Hyfil K16'nın Özellikleri

Benefits of Hyfil K16:

1. Hyfil K16 yüksekligin önemli oldugu alanlarda kullanimi en uygun halattir. *Hyfil K16 is the most sutable rope for high lifting height application.*
2. Hyfil K16 iç ve dis damarlari compact olup, dönmeye karsi mukaveletlidir. *Hyfil K16 is a rotation resistant rope, and madw with compacted both parts of outer strands and inner strands.*
3. Hyfil K16 makara sikismalarina karsi çok kuvvetli olup yüksek kopma dayanimina sahiptir. *Hyfil K16 has an extremely high breaking strength with a very strong resistance against drum crushing.*
4. Hyfil K16 galvaniz ve siyah tellerden yapilmis olup tam olarak yaglanmistir. *The rope is fully lubricated and made out of galvanized/ungalvanized wires.*

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*	**Langs Ray**	
	6Xd	30Xd
Discard	19	38

Hyfil K16'nin Dizaynı
(The basic designed data of Hyfil K16)

mm *(Size)*	8-40
Toplam Tel Adedi *(Total Number of Wire)*	361
Dis Damarlarda Yuke Binen Toplam Tel Sayisi *(Number of Load-bearing Wires in Outer Strands)*	228
Dis Damarlarda Bulunan Dis Tel Sayisi *(Number of Outer Wires in Outer Strands)*	108
Ortalama Dolgu Faktoru *(Average Fill Factor)*	0.64

Halat Çapı *Wire Diameter*		**Çap Toleransı** *Diameter Tolerance*		**Yaklaşık Birim Ağırlığı** *Approximate Unit Wt.*		**Minimum Kopma Kuvveti** *(Minimum Breaking Force (Fmin, MBF))*							
						Metric Unit				**Imperial Unit**			
						1960 Grade		**2160 Grade**		**1960 Grade**		**2160 Grade**	
		min.	**max.**										
mm	**inch**	**mm**	**mm**	**kg/m**	**lb/ft**	**kN**	**t(metric)**	**kN**	**t(metric)**	**klb**	**t(short)**	**klb**	**t(short)**
10		10.0	10.4	0.510		91.8	9.4	97.9	10.0				
(11.1)	7/16	11.1	11.5		0.41					25.0	12.5	26.6	13.3
12		12.0	12.5	0.735		132.2	13.5	141.0	14.4				
(12.7)	1/2	12.7	13.2		0.55					33.3	16.6	35.5	17.8
13		13.0	13.5	0.862		155.1	15.8	165.5	16.9				
14		14.0	14.6	1.00		179.9	18.3	192.0	19.6				
(14.3)	9/16	14.3	14.9		0.70					42.2	21.1	45.0	22.5
15		15.0	15.6	1.15		206.5	21.1	220.4	22.5				
(15.9)	5/8	15.9	16.5		0.88					52.8	26.4	56.4	28.2
16		16.0	16.6	1.31		235.0	24.0	250.7	25.6				
18		18.0	18.7	1.65		297.4	30.3	317.3	32.4				
19		19.0	19.8	1.84		331.0	33.8	353.2	36.0				
(19.1)	3/4	19.1	19.9		1.24					74.4	37.2	79.4	39.7
20		20.0	20.8	2.04		366.8	37.4	391.4	39.9				
22		22.0	22.9	2.47		443.8	45.3	473.6	48.3				
(22.2)	7/8	22.2	23.1		1.69					101.6	50.8	108.4	54.2
24		24.0	25.0	2.94		528.2	53.9	563.6	57.5				
25		25.0	26.0	3.19		573.1	58.4	611.5	62.4				
(25.4)	1	25.4	26.4		2.21					133.0	66.5	141.9	71.0
26		26.0	27.0	3.45		619.9	63.2	661.4	67.4				
27		27.0	28.1	3.72		668.5	68.2	713.3	72.7				
28		28.0	29.1	4.00		718.9	73.3	767.4	78.2				
(28.6)	1-1/8	28.6	29.7		2.80					168.4	84.2	179.7	89.9
29		29.0	30.2	4.29		770.4	78.36	822.1	83.8				
30		30.0	31.2	4.59		824.4	84.1	879.7	89.7				
31		31.0	32.2	4.90		880.3	89.8	939.4	95.8				
(31.8)	1-1/4	31.8	33.1		3.51					210.9	105.4	225.0	112.5
32		32.0	33.3	5.23		938.0	95.6	1,000.9	102.1				
33		33.0	34.3	5.56		997.6	101.7	1,064.5	108.5				
34		34.0	35.4	5.90		1,058.9	108.0	1,130.0	115.2				
(34.9)	1-3/8	34.9	36.3		4.20					252.3	126.1	269.2	134.6
35		35.0	36.4	6.25		1,122.1	114.4	1,197.4	122.1				
36		36.0	37.4	6.61		1,187.2	121.1	1,266.8	129.2				
38		38.0	39.5	7.37		1,322.8	134.9	1,411.5	143.9				
(38.1)	1-1/2	38.1	39.6		4.95					297.4	148.7	317.3	158.6
40		40.0	41.6	8.16		1,465.7	149.4	1,564.0	159.5				