



## Hyfil T8

Regular Lay	Lang's Lay	Compacted	Rotary Swaged	PI
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### • Benefits of Hyfil T8

- Hyfil T8 is a flexible steel-plastic combination rope with double parallel layed strands. All strands are compacted and rotary swaged.
- Hyfil T8 has an extremely high breaking strength and is very resistant against abrasion.
- Hyfil T8 is most suitable for multy layer spooling systems with guided loads.
- Hyfil T8 is fully lubricated and made out of galvanized/ungalvanized wires.
- Hyfil T8 must not be used with a swivel.



### • Discard criteria

(The number of break in the load bearing wires in outer strands)

Length	Lang's Lay	
	6xd	30xd
discard	18	35

### • The basic designed data of hyfil T8

Size	12- 32
Total number of wire	290
Number of load-bearing wires in outer strands	208
The number of outer wire in outer strand	80
Average fill factor	0.75

Nominal rope diameter		Diameter tolerance		Approximate unit Wt.		Minimum breaking force (Fmin, MBF)			
						Metric unit		Imperial unit	
mm	inch	min.	max.	kg/m	lb/ft	1960 Grade		1960 Grade	
		mm	mm			kN	t(metric)	klb	t(short)
12		12.0	12.5	0.719		144.7	14.8		
(12.7)	1/2	12.7	13.2		1.20			36.4	18.2
13		13.0	13.5	0.844		169.8	17.3		
14		14.0	14.6	0.979		196.9	20.1		
(14.3)	9/16	14.3	14.9		1.52			46.2	23.1
15		15.0	15.6	1.12		226.1	23.1		
(15.9)	5/8	15.9	16.5		1.90			57.8	28.9
16		16.0	16.6	1.28		257.0	26.2		
18		18.0	18.7	1.62		325.2	33.2		
19		19.0	19.8	1.80		362.4	37.0		
(19.1)	3/4	19.1	19.9		2.68			81.5	40.7
20		20.0	20.8	2.00		401.5	40.9		
22		22.0	22.9	2.42		485.8	49.5		
(22.2)	7/8	22.2	23.1		3.66			111.2	55.6
24		24.0	25.0	2.88		577.6	58.9		
25		25.0	26.0	3.12		626.8	63.9		
(25.4)	1	25.4	26.4		4.80			145.4	72.7
26		26.0	27.0	3.38		677.9	69.1		
27		27.0	28.1	3.64		731.0	74.5		
28		28.0	29.1	3.92		786.2	80.2		
(28.6)	1-1/8	28.6	29.7		6.08			184.4	92.2
29		29.0	30.2	4.20		843.4	86.0		
30		30.0	31.2	4.49		902.5	92.0		
31		31.0	32.2	4.80		963.7	98.3		
(31.8)	1-1/4	31.8	33.1		7.61			230.8	115.4
32		32.0	33.3	5.11		1,026.9	104.7		

Available upon request :

hyrope 06\_07