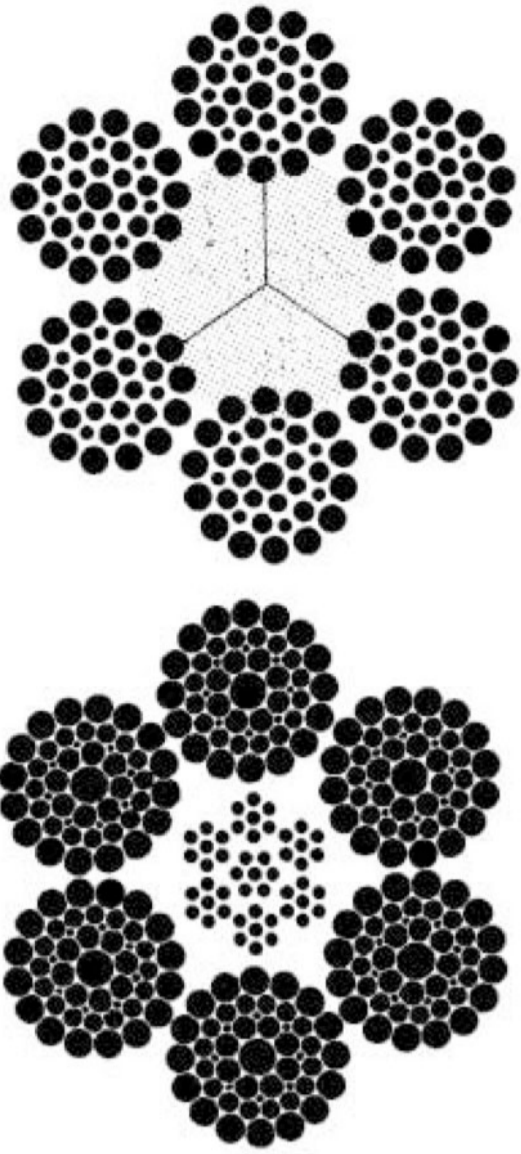


6x37 Class:



6 x 37

CLASSIFICATION

- Recommended for use where flexibility is the key issue
- Used in applications such as riser tensioner lines, mooring lines, tag lines, hoist ropes, crowd and retract ropes, closing lines, etc
- Includes any rope with 27 to 49 wires per strand
- Provides improved flexibility over 6x19 Classification wire ropes, but does not offer the same level of abrasion resistance
- Manufactured in EIP, EEIP and Excavator Family grades in a wide variety of constructions including:
 - 6x31 Warrington Seale
 - 6x33 Warrington 2-op
 - 6x36 Warrington Seale (shown with a fiber core)
 - 6x41 Warrington Seale
 - 6x43 Filler Wire Seale
 - 6x49 Filler Wire Seale (shown with an IWRC)
- Offered in right and left regular and Lang lays
- Available with either a fiber core or IWRC

Breaking Strengths

Note: The maximum CAPACITY, WORKING LOAD LIMIT (WLL), or LINE PULL of the rope usually is 1/5 of the below stated values. For specific information consult the standards applicable to your rope application.

Class 6 x 37 IWRC (Steel Core)		
Rope dia. (inch.)	Nominal Strength tons of 2000 lbs EIPS	Weight per foot lbs.
1/4	3.4	0.12
5/16	5.2	0.18
3/8	7.5	0.25
7/16	10.2	0.34
1/2	13.3	0.44
9/16	16.8	0.56
5/8	20.6	0.69
3/4	29.4	0.99
7/8	39.8	1.35
1	51.7	1.76
1 - 1/8	65	2.23
1 - 1/4	79.9	2.75
1 - 3/8	96	3.33
1 - 1/2	114	3.96
1 - 3/4	153	5.67
2	198	7.39
2 - 1/4	247	9.36
2 - 1/2	302	11.16

Class 6 x 36 IWRC (Steel Core)		
Rope dia. (mm)	Min. Breaking Strength kN	Weight per meter kg
5.5 (2)	25.1	0.16
7 (3)	37.5	0.2
8	44.7	0.27
9 (4)	56.6	0.34
10	69.8	0.42
11	84.5	0.51
12	109.7	0.6
13	118	0.71
14	137	0.82
15	157	0.97
16	179	1.07
18	226	1.35
19	252	1.51
20	279	1.67
22	338	2.02
24	402	2.41
26	472	2.83
28	548	3.28

Class 6 x 37 FC (Fiber Core)		
Rope dia. (inch.)	Nominal Strength tons of 2000 lbs EIPS	Weight per foot lbs.
1/4	3	0.1
5/16	4.7	0.16
3/8	6.7	0.23
7/16	9.1	0.31
1/2	11.8	0.4
9/16	14.8	0.51
5/8	18.4	0.63
3/4	26.2	0.9
7/8	35.4	1.23
1	45.9	1.6

Metric 6 x 36 FC (Fiber Core)		
Rope dia. (mm)	Min. Breaking Strength kN	Weight per meter kg
6.5	27.3	0.16
8	41.4	0.25
10	68.9	0.39
11	78.2	0.46
13	109.3	0.64
14	126	0.74
16	165	0.97
18	209	1.23
19	233	1.37
20	258	1.52