



WIRE ROPE
INDUSTRIES

INTRODUCING
CUSHION-PAC 35™

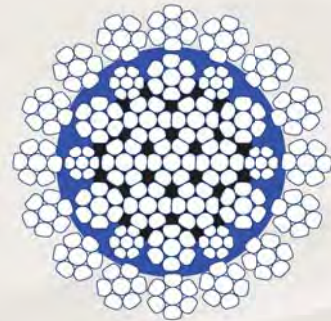
**High Performance
Koepe Rope**



USE CUSHION-PAC 35™ TODAY AND START ENJOYING **THE COST REDUCTION** BENEFITS INSTANTLY

NEW ROTATION-RESISTANT FRICTION (KOEPE) HOIST ROPE

WRI's latest product combines the flexibility of triangular flattened strand ropes with non-rotational resistance required for installation in deep shafts which was until now only available with full-lock coil construction. The result has redefined our clients' expectations with the most versatile hoisting rope on the market.



Rotation Resistant

- » Rotation resistance allows the Cushion-Pac 35 to be used in modern deep shaft mines
- » Low torque means easier handling during installation and maintenance

Flexibility

- » More flexible than full-lock coil ropes
- » Less susceptible to structural upset

Minimal Elongation

- » The parallel lay construction of the core coupled with the compacting of the outer strands give the Cushion-Pac 35 a very high metallic area, which keeps the elongation to a minimum

Compacted Outer Strands

- » Increased breaking load and fatigue life
- » Smooth outer surface provides larger contact area with drum & sheaves for increased wear resistance and superior traction
- » Is compatible with existing polyurethane liners

Plastic Jacketed Core

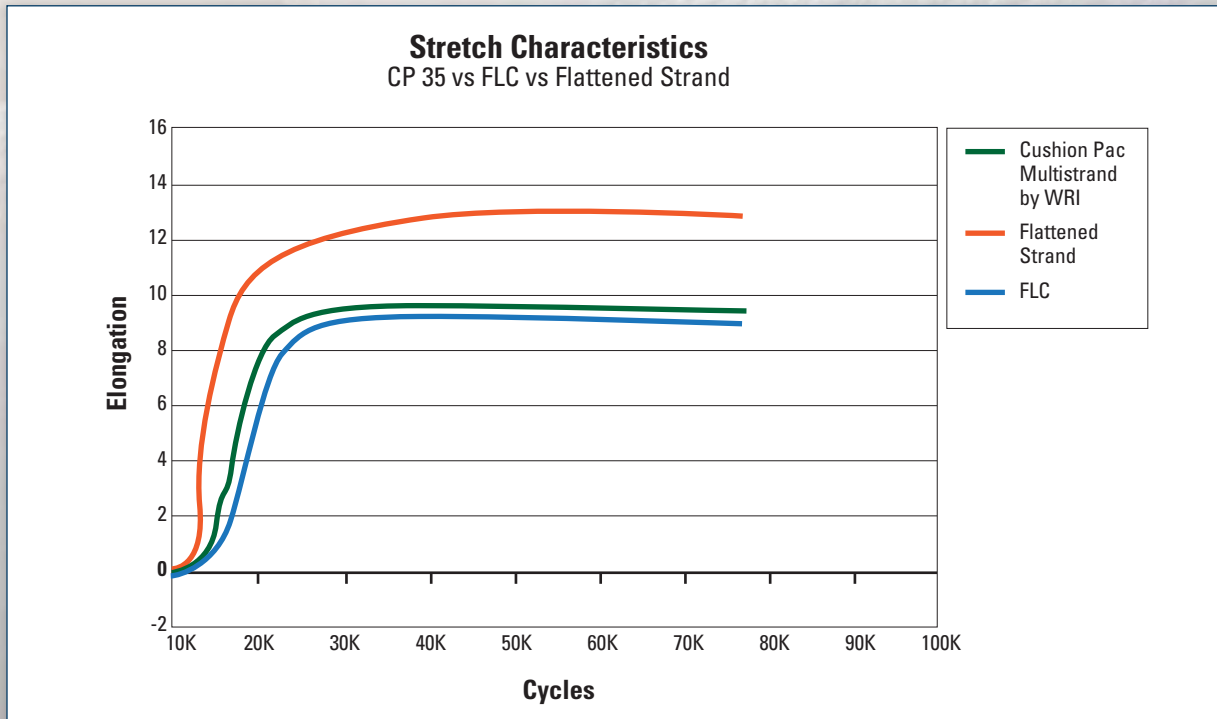
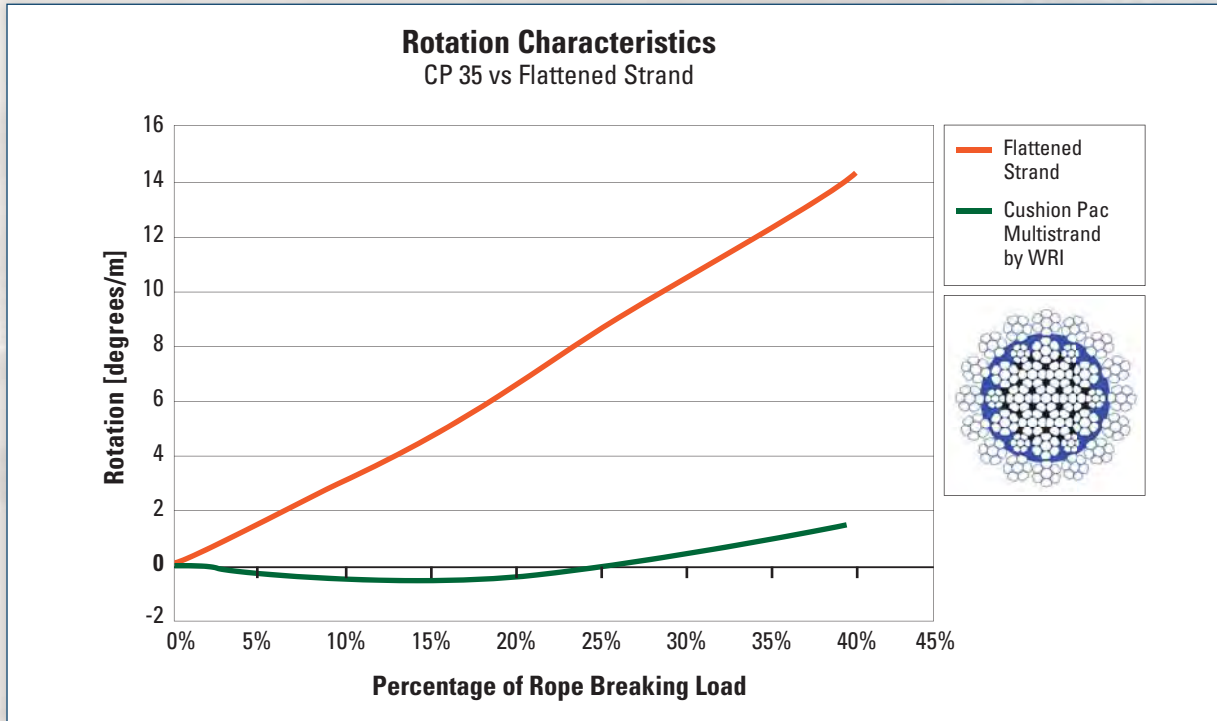
- » A physical separation between the outer strands and the core that effectively seals in the core lubricant and ensures the proper positioning of the outer strands

Superior Lubrication

- » Outer strand lubricant is specifically formulated for Koepe friction winder applications
- » Core lubricant offers optimal protection against steel-to-steel abrasion for superior fatigue life

CUSHION-PAC 35™

FEATURES AND BENEFITS



CUSHION-PAC 35™

AVAILABLE IN DIFFERENT BREAKING LOADS

**Bezinal Also available*

Cushion-Pac 35 High Breaking Load

DIAMETER	CONSTRUCTION	APPROX. WEIGHT	MINIMUM BREAKING LOAD		
			1770 MPa	1960 MPa	2160 MPa
mm		kg/m	kN	kN	kN
26	Cushion-Pac 35 HBL	3.3	510	560	620
28	Cushion-Pac 35 HBL	3.8	600	650	720
30	Cushion-Pac 35 HBL	4.4	680	740	830
32	Cushion-Pac 35 HBL	4.9	780	850	940
34	Cushion-Pac 35 HBL	5.6	880	950	1060
36	Cushion-Pac 35 HBL	6.3	980	1070	1190
38	Cushion-Pac 35 HBL	7.0	1100	1190	1320
40	Cushion-Pac 35 HBL	7.7	1220	1320	1470
42	Cushion-Pac 35 HBL	8.5	1340	1460	1620
44	Cushion-Pac 35 HBL	9.4	1470	1600	1780
46	Cushion-Pac 35 HBL	10.2	1610	1750	1940
48	Cushion-Pac 35 HBL	11.1	1750	1900	2110
50	Cushion-Pac 35 HBL	12.1	1900	2060	2290
52	Cushion-Pac 35 HBL	13.1	2050	2230	2480
54	Cushion-Pac 35 HBL	14.1	2210	2410	2680
56	Cushion-Pac 35 HBL	15.2	2380	2590	2880

DIAMETER	CONSTRUCTION	APPROX. WEIGHT	MINIMUM BREAKING LOAD		
			Gr 115	Gr 125	Gr 140
inches		lb/ft	Tons	Tons	Tons
1	Cushion-Pac 35 HBL	2.1	56.0	60.8	67.6
1 1/8	Cushion-Pac 35 HBL	2.7	70.8	77.0	85.6
1 1/4	Cushion-Pac 35 HBL	3.3	87.4	95.0	106
1 3/8	Cushion-Pac 35 HBL	4.0	106	115	128
1 1/2	Cushion-Pac 35 HBL	4.8	126	137	152
1 5/8	Cushion-Pac 35 HBL	5.6	148	161	178
1 3/4	Cushion-Pac 35 HBL	6.5	171	186	207
1 7/8	Cushion-Pac 35 HBL	7.5	197	214	238
2	Cushion-Pac 35 HBL	8.5	224	243	270
2 1/8	Cushion-Pac 35 HBL	9.6	253	275	305
2 1/4	Cushion-Pac 35 HBL	10.8	283	308	342
2 3/8	Cushion-Pac 35 HBL	12.0	316	343	381
2 1/2	Cushion-Pac 35 HBL	13.3	350	380	422

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