

Flexcon P

Teufelberger-Redaelli's Flexcon product line heralds a new steel wire rope era in the world of 35x7 constructions.

Specifications

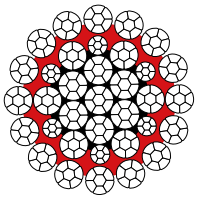
- Ordinary and Lang's lay, right or left-handed
- 15-40 mm: 35(W)xK7, RCN 23-2, n=112
- Filling factor f=0.76
- 16 outer strands
- Single-layer and multi-layer spooling

✓ SUPERFILL®

✓ PLASTFILL®

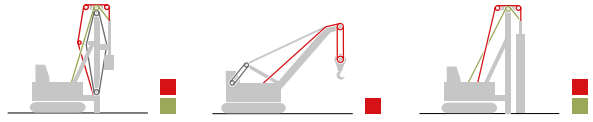
Segments

- Building & construction industry



Flexcon P

Applications



Rotary drilling rig | Duty cycle crawler | Piling rig

■ **Hoist rope** ■ **Auxiliary hoist rope**

Advantages

- ✓ Rotation resistance, high strength, axial and radial rigidity, and flexibility: These characteristics make Flexcon P your wire rope of choice for high performance
- ✓ Its improved 35x7 design, based on compacted modular strands, represents the ideal combination to deliver top results in harsh environments
- ✓ Its high abrasion resistance, achieved by using large-diameter wires and the PLASTFILL® insert, make this rope extremely hardwearing in use cases involving large fleet angles

Technical specifications

Construction	Nominal Ø	Rope length mass		MBF at rope grade	
				1960	1960
	mm	kg/m	lbs/ft	kN	lbf
35(W)xK7 RCN 23-2, n=112	15	1.12	0.75	217	48,784
	16	1.28	0.86	247	55,528
	17	1.44	0.97	279	62,722
	18	1.61	1.08	313	70,365
	19	1.80	1.21	348	78,234
	20	1.99	1.34	386	86,776
	22	2.41	1.62	467	104,986
	24	2.87	1.93	543	122,071
	26	3.37	2.27	637	143,203
	28	3.91	2.63	739	166,134
	30	4.49	3.02	848	190,638
	32	5.10	3.43	965	216,941
	34	5.76	3.87	1,089	244,817
	36	6.46	4.34	1,221	274,492
	38	7.20	4.84	1,360	305,740
	40	7.97	5.36	1,507	338,787

Standard tolerance: +2 % to +4 %, other tolerance ranges and rope diameters are available upon request.
The values are provided for guidance only. The metric figures shall prevail. The rope cross-section depicts a typical design and may vary within the product line.
Subject to further developments which may lead to changes in technical specifications. Subject to changes and errors.

Teufelberger · Redaelli

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