

FLEXPACK®

Winning the world record in 2017 for being the heaviest rope ever produced, the FLEXPACK® has to be considered the best 35 x 7 construction for your application.

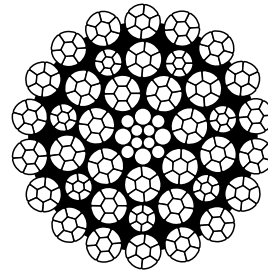
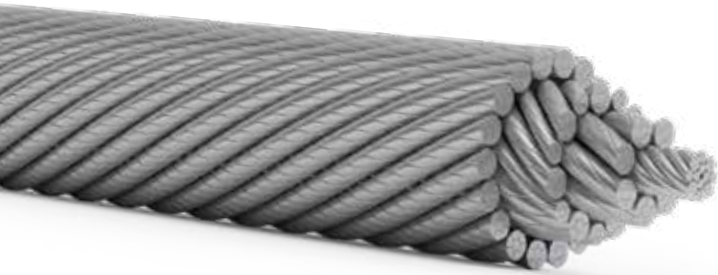
WORLDS BEST 35 X 7 WIRE ROPE

Specifications

- Ordinary lay, lang lay, right or left lay
- 12-13 mm: 27(W)xK7, RCN 23-2
- 14-40 mm: 34(W)xK7, RCN 23-2
- 41-46 mm: 39(W)xK7-WSC, RCN 23-3

Benefits

- High wear resistance: resulting from large wire diameter
- Reliable and safe in use: proven rope construction taken to absolute allround perfection
- One wire rope fits all: short-term availability for various applications
- Constant quality control: made in Europe



Technical data

Construction	Nominal Ø		Weight		Minimum breaking force at rope grade					
	mm	inch	kg/m	lbs/ft	1770		1960		2160	
					kN	lbf	kN	lbf	kN	lbf
27(W)xK7 15 outer strands	12		0.70	0.47	120	27,002	133	29,900	139	31,304
	12.7	1/2	0.79	0.53	135	30,244	149	33,490	156	35,062
	13		0.82	0.55	141	31,689	156	35,091	163	36,738
34(W)xK7 15 outer strands	14		0.98	0.66	166	37,365	184	41,376	193	43,355
	15		1.13	0.76	191	42,893	211	47,498	221	49,770
	15.88	5/8	1.26	0.85	214	48,043	237	53,201	248	55,746
	16		1.28	0.86	217	48,803	240	54,042	252	56,627
	17		1.45	0.97	245	55,094	271	61,008	284	63,927
	18		1.63	1.09	275	61,766	304	68,397	319	71,669
	19		1.81	1.22	306	68,820	339	76,207	355	79,853
	19.05	3/4	1.82	1.22	308	69,183	341	76,609	357	80,274
	20		2.01	1.35	339	76,255	376	84,440	394	88,480
	21		2.21	1.49	374	84,071	414	93,095	434	97,549
	22		2.43	1.63	410	92,268	454	102,173	476	107,061
	22.23	7/8	2.48	1.66	419	94,165	464	104,273	486	109,262
	23		2.65	1.78	449	100,847	497	111,672	521	117,015
	24		2.89	1.94	488	109,807	541	121,594	553	124,336
	25		3.13	2.11	530	119,148	587	131,938	600	134,913
	25.4	1	3.24	2.17	547	122,991	606	136,194	619	139,265
	26		3.39	2.28	573	128,870	635	142,704	649	145,922
27		3.66	2.46	618	138,974	685	153,892	700	157,362	
28		3.93	2.64	665	149,459	736	165,503	753	169,235	
28.58	1 1/8	4.10	2.75	692	155,661	767	172,370	784	176,257	
29		4.22	2.83	713	160,325	790	177,536	808	181,539	
30		4.51	3.03	763	171,573	845	189,990	864	194,275	



“FLEXPACK® has been awarded three times to the Guinness World Records for the heaviest rope manufactured. The last time in 2017 with a weight of 488.366 metric tonnes (1,076,662.73 lb).”

Davide Cologne - Head of Applications Technology

Technical data

Construction	Nominal Ø		Weight		Minimum breaking force at rope grade					
	mm	inch	kg/m	lbs/ft	1770		1960		2160	
					kN	lbf	kN	lbf	kN	lbf
34(W)xK7 15 outer strands	31		4.82	3.24	815	183,202	902	202,868		
	31.75	1 1/4	5.06	3.40	855	192,174	947	212,803		
	32		5.14	3.45	868	195,212	962	216,167		
	33		5.46	3.67	923	207,603	1,023	229,889		
	34		5.80	3.90	980	220,376	1,086	244,032		
	34.93	1 3/8	6.12	4.11	1,034	232,530	1,145	257,491		
	35		6.14	4.13	1,039	233,530	1,150	258,598		
	36		6.50	4.37	1,099	247,065	1,217	273,586		
	37		6.87	4.61	1,161	260,982	1,286	288,997		
	38		7.24	4.87	1,225	275,279	1,356	304,829		
	38.1	1 1/2	7.28	4.89	1,231	276,730	1,363	306,436		On special request.
	39		7.63	5.13	1,290	289,958	1,428	321,084		
	40		8.03	5.39	1,357	305,019	1,502	337,761		
39(W)xK7-WSC 18 outer strands	41		8.18	5.50	1,379	309,953	1,527	343,225		
	41.28	1 5/8	8.29	5.57	1,397	314,125	1,547	347,845		
	42		8.58	5.77	1,447	325,258	1,602	360,172		
	43		9.00	6.05	1,517	340,930	1,679	377,527		
	44		9.42	6.33	1,588	356,972	1,758	395,291		
	44.45	1 3/4	9.62	6.46	1,621	364,311	1,794	403,418		
	45		9.86	6.62	1,661	373,382	1,839	413,463		
46		10.30	6.92	1,736	390,161	1,922	432,043			