



Flexpack®

Repeatedly breaking the world record for the heaviest rope ever produced, the Flexpack® must be considered the best 35x7 construction for your application.

Specifications

- Ordinary or Lang's lay, right or left-handed
- 14-40 mm: 34(W)xK7, RCN 23-2, n=105, Filling factor f=0.84
- 41.28-76.2 mm: 39(W)xK7-WSC, RCN 23-3, n=126, Filling factor f=0.81

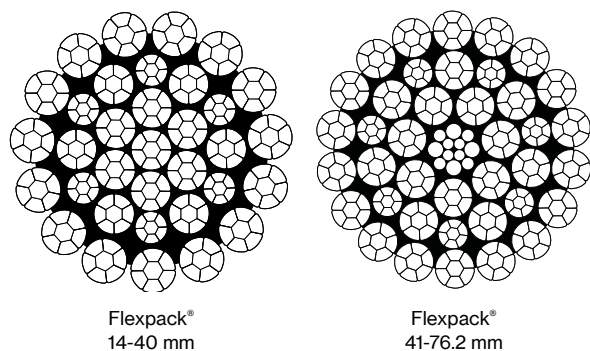
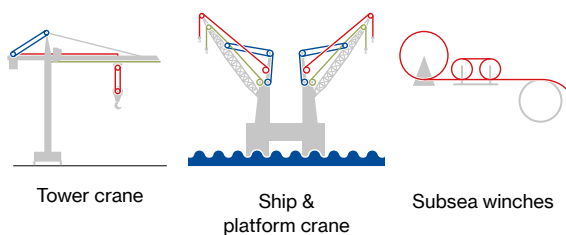
Advantages

- ✓ Best value for money due to optimized rope structure
- ✓ Reliable and safe in use thanks to high breaking forces
- ✓ High wear resistance due to the use of large-diameter wires

Segments



Applications



Technical specifications

Construction	Nominal Ø		Rope length mass		MBF at rope grade					
	mm	inch	kg/m	lbs/ft	1770		1960		2160	
					kN	lbf	kN	lbf	kN	lbf
34(W)XK7 RCN 23-2, n=105 f=0.84	14		1.00	0.67	178	40,016	195	43,838	208	46,760
	15		1.14	0.77	205	46,086	224	50,357	239	53,729
	15.88	5/8	1.28	0.86	230	51,706	251	56,427	268	60,249
	16		1.30	0.87	233	52,380	255	57,326	272	61,148
	17		1.47	0.99	263	59,125	288	64,745	307	69,016
	18		1.65	1.11	295	66,319	323	72,613	344	77,334
	19	3/4	1.84	1.24	329	73,962	360	80,931	383	86,102
	20		2.03	1.36	364	81,830	398	89,474	415	93,296
	21		2.24	1.51	402	90,373	439	98,691	457	102,738
	22		2.46	1.65	441	99,141	482	108,358	502	112,854
	22.23	7/8	2.51	1.69	450	101,164	492	110,606	512	115,102
	23		2.69	1.81	482	108,358	527	118,474	548	123,195
	24		2.93	1.97	524	117,800	553	124,319	574	129,040
	25		3.18	2.14	569	127,916	600	134,885	622	139,831
	25.4	1	3.28	2.20	587	131,963	620	139,382	642	144,327
	26		3.44	2.31	616	138,482	649	145,901	673	151,296
	28		3.99	2.68	714	160,514	753	169,281	781	175,576
	28.58	1 1/8	4.15	2.79	744	167,258	785	176,475	813	182,770
	30		4.58	3.08	819	184,119	865	194,460	896	201,429
	31.75	1 1/4	5.13	3.45	918	206,375	968	217,615	1,004	225,708
39(W)XK7-WSC RCN 23-3, n=126 f=0.81	32		5.21	3.50	932	209,522	984	221,212	1,020	229,305
	34		5.88	3.95	1,053	236,724	1,110	249,538	1,151	258,755
	35	1 3/8	6.23	4.19	1,115	250,662	1,177	264,600	1,220	274,267
	36		6.59	4.43	1,180	265,275	1,245	279,887	1,291	290,228
	38	1 1/2	7.34	4.93	1,315	295,624	1,387	311,810	1,423	319,903
	40		8.14	5.47	1,457	327,547	1,537	345,531	1,577	354,524
	41.28	1 5/8	8.49	5.71	1,492	335,415	1,569	352,725		
	42		8.79	5.91	1,545	347,330	1,624	365,090		
	44		9.65	6.48	1,696	381,276	1,782	400,610		
	44.45	1 3/4	9.84	6.61	1,730	388,919	1,819	408,927		
	46		10.54	7.08	1,853	416,571	1,948	437,928		
	47.63	1 7/8	11.30	7.59	1,987	446,695	2,088	469,401		
	48		11.48	7.71	2,018	453,664	2,121	476,820		
	50		12.46	8.37	2,189	492,107	2,301	517,285		
	50.8	2	12.86	8.64	2,260	508,068	2,376	534,146		
	52		13.47	9.05	2,368	532,348	2,489	559,549		
	54	2 1/8	14.53	9.76	2,554	574,162	2,684	603,387		
	56		15.62	10.50	2,747	617,550	2,887	649,023		
	57.15	2 1/4	16.27	10.93	2,860	642,954	3,007	676,000		
	58		16.76	11.26	2,946	662,287	3,097	696,233		
	60		17.94	12.06	3,153	708,823	3,314	745,017		
	60.33	2 3/8	18.13	12.18	3,188	716,691	3,351	753,335		
	62		19.15	12.87	3,367	756,932	3,539	795,599		
	63.5	2 1/2	20.09	13.50	3,531	793,800	3,712	834,491		
	64		20.41	13.71	3,587	806,390	3,771	847,755		
	66		21.70	14.58	3,815	857,646	4,010	901,484		
	66.68	2 5/8	22.15	14.88	3,894	875,406	4,093	920,143		
	68		23.04	15.48	4,050	910,476	4,257	957,012		
	70	2 3/4	24.41	16.40	4,291	964,655	4,511	1,014,113		
	72		25.83	17.36	4,540	1,020,633	4,772	1,072,788		
	73	2 7/8	26.55	17.84	4,667	1,049,183	4,906	1,102,913		
	74		27.28	18.33	4,796	1,078,184	5,041	1,133,262		
	76		28.78	19.34	5,059	1,137,308	5,317	1,195,309		
	76.2	3	28.93	19.44	5,085	1,143,153	5,345	1,201,604		

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.