



Pack 1

High resistance to wear and loads, long service life, and high flexibility: these are the main characteristics of our Pack 1 rope. Its good torsional stability and high breaking force make the Pack 1 a reliable and trusted rope for any type of use. It is also available as a plastic-filled variant.

Specifications

- Ordinary lay, right or left-handed
- 16-66 mm: 6xK36WS-IWRC, RCN 09, n=216
- Filling factor $f=0.68$
- Use without swivel
- ✓ SUPERFILL®

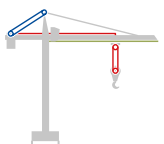
Advantages

- ✓ Cost-effective 6-strand rope construction for applications with market-conforming line pulls
- ✓ Robust and proven rope construction ensuring high resistance to crushing and harsh environments
- ✓ The SUPERFILL® compaction technology ensures consistently small diameter tolerances and perfect spooling behavior, even with long rope lengths

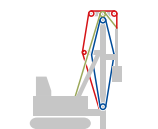
Segments



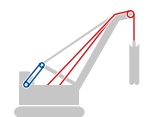
Applications



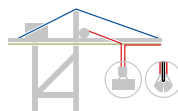
Tower crane



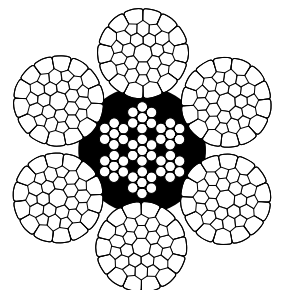
Rotary drilling rigs



Duty cycle crawler with diaphragm wall grabs



Ship to shore crane & ship unloader



Pack 1

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
6xK36WS-IWRC RCN 09, n=216	16		1.14	0.77	194	43,613	215	48,334	235	52,830
	17		1.29	0.87	219	49,233	242	54,404	266	59,799
	18		1.44	0.97	245	55,078	272	61,148	298	66,993
	19	3/4	1.61	1.08	274	61,598	303	68,117	332	74,637
	20		1.78	1.20	303	68,117	336	75,536	368	82,730
	22		2.15	1.44	367	82,505	406	91,272	445	100,040
	22.23	7/8	2.20	1.48	374	84,079	415	93,296	454	102,063
	23		2.35	1.58	401	90,148	444	99,815	486	109,257
	24		2.56	1.72	436	98,017	483	108,583	530	119,149
	25		2.78	1.87	474	106,559	524	117,800	575	129,265
	25.4	1	2.87	1.93	489	109,932	541	121,622	593	133,312
	26		3.01	2.02	512	115,102	567	127,467	622	139,831
	28		3.49	2.35	594	133,537	658	147,924	721	162,087
	28.58	1 1/8	3.63	2.44	619	139,157	685	153,994	751	168,832
	30		4.00	2.69	682	153,320	755	169,731	828	186,142
	31.75	1 1/4	4.49	3.02	764	171,754	846	190,188	927	208,398
	32		4.56	3.06	776	174,452	859	193,111	942	211,770
	34		5.14	3.45	876	196,933	970	218,065	1,063	238,972
	35	1 3/8	5.45	3.66	928	208,623	1,028	231,104	1,126	253,135
	36		5.77	3.88	982	220,762	1,087	244,367	1,192	267,972
	38	1 1/2	6.43	4.32	1,094	245,941	1,211	272,244	1,328	298,546
	40		7.12	4.78	1,212	272,468	1,342	301,694	1,471	330,694
	41.28	1 5/8	7.58	5.09	1,291	290,228	1,430	321,477	1,567	352,276
	42		7.85	5.27	1,336	300,345	1,480	332,717	1,622	364,640
	44		8.61	5.79	1,467	329,795	1,624	365,090	1,780	400,160
	44.45	1 3/4	8.79	5.91	1,497	336,539	1,658	372,733	1,817	408,478
	46		9.42	6.33	1,603	360,369	1,775	399,036	1,946	437,478
	47.63	1 7/8	10.09	6.78	1,719	386,447	1,903	427,811	2,086	468,951
	48		10.25	6.89	1,746	392,516	1,933	434,556	2,118	476,145
	50		11.12	7.47	1,894	425,788	2,097	471,424		
	50.8	2	11.48	7.71	1,955	439,501	2,165	486,711		
	52		12.03	8.08	2,049	460,634	2,269	510,091		
	54	2 1/8	12.97	8.72	2,209	496,603	2,446	549,883		
	56		13.95	9.37	2,376	534,146	2,631	591,472		
	57.15	2 1/4	14.53	9.76	2,475	556,402	2,740	615,977		
	58		14.97	10.06	2,549	573,038	2,822	634,411		
	60		16.02	10.76	2,727	613,054	3,020	678,923		
	60.33	2 3/8	16.19	10.88	2,758	620,023	3,054	686,567		
	62		17.10	11.49	2,912	654,644	3,225	725,009		
	63.5	2 1/2	17.94	12.06	3,055	686,791	3,383	760,529		
	64		18.23	12.25	3,103	697,582	3,436	772,444		
	66		19.38	13.02	3,300	741,870	3,655	821,677		

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.