

Keeport 8KP

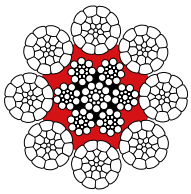
The jack-of-all-trades in Teufelberger-Redaelli's product portfolio for harbor applications. Impeccable performance thanks to high breaking forces, high wear resistance, and high stability under lateral pressure. The Keeport® guarantees consistent performance, great stability and load-bearing capacity.

Specifications

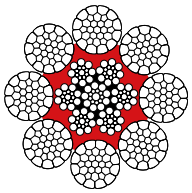
- Ordinary lay, right or left-handed
- 15-48 mm: 8xK26WS-EPIWRC, RCN 09, n=208
- 50-66 mm: 8xK31WS-EPIWRC, RCN 11, n=248
- Filling factor f=0.7
- Galvanized finish
- Intensive lubrication for maritime applications
- Use without swivel
- ✓ SUPERFILL®
- ✓ PLASTFILL®

Segments

- Ports industry

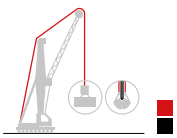


Keeport 8KP
15-48 mm

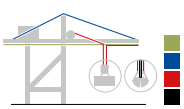


Keeport 8KP
50-66 mm

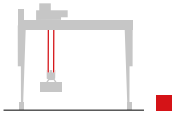
Applications



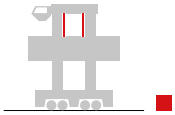
Mobile harbor crane



Ship-to-shore crane & ship unloader



ASC, RTG, RMG



Straddle carrier

Hoist rope **Closing rope** **Boom hoist rope** **Trolley rope**

Advantages

- ✓ Consistent performance throughout the entire service life. The plastification reduces internal friction and internal rope wear
- ✓ High stability in use cases involving fleet angles thanks to the well-balanced rope construction
- ✓ Optimum balance between flexibility and resistance, ideal degree of compaction

Technical specifications

Construction	Nominal Ø		Rope length mass		MBF at rope grade					
					1770		1960		2160	
	mm	inch	kg/m	lbs/ft	kN	lbf	kN	lbf	kN	lbf
8xK26WS-EPIWRC RCN 09, n=208	15		1.04	0.70	182	40,915	202	45,411	219	49,233
	15.88	5/8	1.16	0.78	204	45,861	226	50,807	245	55,078
	16		1.18	0.79	207	46,535	229	51,481	249	55,977
	17		1.33	0.89	234	52,605	259	58,226	281	63,171
	18		1.50	1.01	262	58,900	290	65,195	315	70,815
	19	3/4	1.67	1.12	292	65,644	323	72,613	351	78,908
	20		1.85	1.24	324	72,838	358	80,482	389	87,451
	22		2.24	1.51	392	88,125	434	97,567	470	105,660
	22.23	7/8	2.28	1.53	400	89,924	443	99,590	480	107,908
	23		2.44	1.64	428	96,218	474	106,559	514	115,552
	24		2.66	1.79	466	104,761	516	116,001	560	125,893
	25		2.89	1.94	506	113,753	560	125,893	608	136,684
	25.4	1	2.98	2.00	522	117,350	578	129,940	627	140,955
	26		3.12	2.10	547	122,970	606	136,234	657	147,699
	28		3.62	2.43	634	142,529	702	157,816	762	171,304
	28.58	1 1/8	3.77	2.53	661	148,599	732	164,560	794	178,498
	30		4.16	2.80	728	163,661	806	181,196	875	196,708
	31.75	1 1/4	4.66	3.13	816	183,444	903	203,002	980	220,313
	32		4.73	3.18	828	186,142	917	206,150	995	223,685
	34		5.34	3.59	935	210,196	1036	232,902	1124	252,685
	35	1 3/8	5.66	3.80	991	222,786	1098	246,840	1191	267,747
	36		5.99	4.03	1049	235,825	1161	261,003	1260	283,259
	38	1 1/2	6.67	4.48	1168	262,577	1294	290,903	1404	315,632
	40		7.39	4.97	1295	291,128	1433	322,151	1555	349,578
	42		8.15	5.48	1427	320,802	1580	355,198	1715	385,547
	44		8.94	6.01	1566	352,051	1734	389,819	1882	423,090
	44.45	1 3/4	9.13	6.14	1599	359,470	1770	397,912	1921	431,858
	46		9.77	6.57	1712	384,873	1896	426,238		
	47.63	1 7/8	10.48	7.04	1835	412,524	2032	456,812		
	48		10.64	7.15	1864	419,044	2064	464,006		
8xK31WS-EPIWRC RCN 11, n=248	50		11.60	7.79	2023	454,788	2240	503,572		
	50.8	2	11.97	8.04	2088	469,401	2312	519,758		
	52		12.54	8.43	2188	491,882	2423	544,712		
	54	2 1/8	13.53	9.09	2359	530,324	2613	587,426		
	56		14.55	9.78	2537	570,340	2810	631,713		
	57.15	2 1/4	15.15	10.18	2643	594,170	2926	657,791		
	58		15.60	10.48	2722	611,930	3014	677,574		
	60		16.70	11.22	2913	654,868	3225	725,009		
	60.33	2 3/8	16.88	11.34	2945	662,062	3261	733,102		
	62		17.83	11.98	3110	699,156	3444	774,242		
	63.5	2 1/2	18.70	12.57	3262	733,327	3613	812,235		
	64		19.00	12.77	3314	745,017	3670	825,049		
	66		20.20	13.57	3524	792,227	3903	877,429		

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.

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