



## PROPERTIES



Swivel



Compacted



Lubricated

## APPLICATIONS

Has a core in a special design avoiding crossover between the strands of core and preventing internal rope destruction. Hoist rope for mobile cranes, electrical hoists and other applications, where rotation-resistant ropes are required.

## OVERVIEW

Diameter range [mm]	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average weight factor	Average spin factor *N/mm <sup>2</sup>
10 – 34	18	280	126	0,720	0,87	0,82 (1770, 1960)*
36 – 60	18	292				0,80 (2160)*

- Standard tolerance on diameter +0% to +4%
- Temperature range of use: -50°C to +75°C
- Suitable for multilayer spooling in Lang's lay
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized

nominal diameter		weight	minimum breaking force			
inch	mm		1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
		lb/ft	t [2000lbs]	lbs	t [2000lbs]	lbs
	10	0.33	10.07	20,143	10.95	21,896
7/16	11	0.40	12.23	24,459	13.31	26,617
	12	0.48	14.70	29,405	15.73	31,451
1/2	12.7	0.53	16.46	32,912	18.14	36,284
	13	0.56	17.16	34,328	18.59	37,183
	14	0.65	20.13	40,263	21.46	42,916
	15	0.74	22.93	45,861	24.67	49,346
5/8	16	0.85	25.92	51,841	28.00	56,000
	17	0.95	28.99	57,978	31.54	63,081
	18	1.08	33.04	66,071	35.69	71,377
3/4	19	1.20	36.98	73,962	39.66	79,313
	20	1.33	40.71	81,426	44.03	88,058
	21	1.46	44.52	89,047	48.44	96,870
7/8	22	1.60	49.62	99,231	53.05	106,110
	23	1.75	53.03	106,065	57.69	115,372
	24	1.91	58.93	117,867	63.41	126,815
	25	2.04	63.83	127,669	68.50	136,999
1		2.11	65.96	131,918	70.52	141,045
	26	2.21	69.12	138,235	73.89	147,789
	27	2.40	73.53	147,070	80.00	159,996
	28	2.59	80.13	160,266	86.06	172,114
1 1/8		2.69	82.35	164,695	89.59	179,173
	29	2.77	84.82	169,641	92.28	184,568
	30	2.96	91.88	183,759	98.68	197,360
	31	3.16	97.76	195,516	107.73	215,457
1 1/4	32	3.39	104.54	209,072	112.72	225,438
	33	3.60	111.60	223,190	122.98	245,963
	34	3.81	117.46	234,925	127.12	254,236
	36	4.30	133.20	266,399	141.89	283,776
1 1/2	38	4.76	148.26	296,523	158.74	317,475
	40	5.32	164.34	328,671	175.40	350,792
1 5/8		5.65	174.87	349,735	180.96	361,920
	42	5.85	181.11	362,212	187.42	374,846
	44	6.42	198.62	397,237	204.99	409,984
1 3/4		6.55	202.35	404,701	208.07	416,144
	46	7.04	217.50	435,005	223.65	447,302
1 7/8		7.55	234.00	468,007	242.16	484,328
	48	7.66	237.54	475,089	245.83	491,657
	50	8.27	255.47	510,946	281.54	563,079
2		8.53	263.64	527,289	290.54	581,086
	52	8.96	276.72	553,435	304.95	609,907
	54	9.64	298.01	596,013	328.41	656,824
	56	10.37	320.49	640,975	353.20	706,395
2 1/4		10.80	333.62	667,233	367.66	735,327
	58	11.13	343.79	687,578	378.87	757,741
	60	11.91	367.91	735,822	405.45	810,908