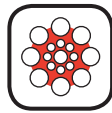


## PROPERTIES



Plast rope



Compacted



Lubricated

## APPLICATIONS

High breaking load and good resistance against crushing. Hoisting rope in multiple part reeving for smaller lifting heights as well as for twin hoist systems with left and right hand lay ropes for greater lifting heights.

## 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>
8	8	259	208			
9–24	8	319	208	0,664	0,87	0,87 (1770)*
25–48	8	327	208			0,86 (1960, 2160)*
50–72	8	367	248			

- Standard tolerance on diameter +0% to +4%
- Temperature range of use: –50°C to +115°C
- Suitable for multi-layer 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		1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
		lb/ft	t [2000 lbs]	lbs	t [2000 lbs]	lbs
5/16	8	0.19	5.74	11,488	6.36	12,724
	9	0.25	7.42	14,837	8.21	16,411
3/8		0.28	8.23	16,456	9.10	18,210
	10	0.31	9.01	18,030	9.97	19,941
7/16	11	0.38	10.91	21,829	12.08	24,167
	12	0.44	12.94	25,876	14.32	28,641
1/2	12.7	0.50	14.57	29,135	16.13	32,260
	13	0.52	15.35	30,709	17.01	34,014
	14	0.60	17.75	35,497	19.65	39,297
	15	0.70	20.58	41,163	22.78	45,569
5/8	16	0.79	23.29	46,580	25.79	51,571
	17	0.89	25.92	51,841	28.71	57,416
	18	0.99	29.25	58,495	32.39	64,790
3/4	19	1.10	32.83	65,667	36.36	72,726
	20	1.23	36.08	72,164	39.96	79,920
	21	1.32	39.43	78,863	43.67	87,338
7/8	22	1.47	44.03	88,058	48.75	97,500
	23	1.61	47.85	95,701	52.99	105,975
	24	1.75	52.21	104,424	57.81	115,619
	25	1.89	56.67	113,349	62.74	125,488
1		1.97	58.89	117,777	65.21	130,412
	26	2.06	61.70	123,398	68.32	136,639
	27	2.22	65.75	131,491	72.80	145,609
	28	2.37	70.77	141,540	78.38	156,759
1 1/8		2.47	74.09	148,172	80.43	160,851
	29	2.55	76.30	152,600	82.83	165,662
	30	2.76	81.73	163,459	88.72	177,442
	31	2.94	87.32	174,632	94.79	189,581
1 1/4	32	3.12	93.07	186,142	102.40	204,801
	33	3.35	98.38	196,753	106.80	213,591
	34	3.51	105.26	210,511	115.20	230,407
	36	3.92	116.91	233,824	126.93	253,854
1 1/2	38	4.40	130.73	261,453	141.92	283,844
	40	4.90	144.50	288,992	156.86	313,721
1 5/8		5.17	154.42	308,842	167.64	335,280
	42	5.35	159.84	319,678	173.53	347,060
	44	5.91	174.71	349,420	189.67	379,343
1 3/4		6.02	179.90	359,807	195.30	390,605
	46	6.44	192.55	385,098	209.04	418,077
1 7/8		6.91	205.73	411,468	223.36	446,718
	48	7.02	208.94	417,875	226.83	453,664
	50	7.36	223.24	446,470	247.20	494,400
2		7.59	230.33	460,656	255.05	510,091
	52	7.96	241.33	482,665	267.23	534,461
	54	8.58	260.35	520,702	288.31	576,612
	56	9.19	278.77	557,549	308.71	617,415
2 1/4		9.53	289.05	578,096	320.07	640,143
	58	9.82	297.82	595,631	329.78	659,567
	60	10.53	319.50	638,997	353.79	707,586
	62	11.26	341.47	682,947	378.13	756,257
2 1/2		11.85	359.41	718,826	398.00	796,003
	64	12.03	365.12	730,247	404.32	808,638
	66	12.83	389.08	778,154	430.85	861,693
	68	13.57	411.54	823,070	455.71	911,420
	70	14.33	434.52	869,044	481.17	962,339
	72	15.19	460.59	921,177	510.02	1,020,048
	74	16.07	487.52	975,041	539.86	1,079,712