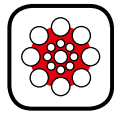


PROPERTIES



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 ²
8	8	259	208	0,664	0,87	0,87 (1770)* 0,86 (1960, 2160)*
9–24	8	319	208			
25–48	8	327	208			
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 ²		1960 N/mm ²	
		lb/ft	t [2000 lbs]	lbs	t [2000 lbs]	lbs
5/16	8	0,19	5.62	11243	6.24	12478
	9	0,25	7.25	14506	8.06	16115
3/8		0,28	7.99	15981	8.88	17761
	10	0,31	8.81	17615	9.79	19577
7/16	11	0,37	10.67	21340	11.86	23721
	12	0,44	12.64	25287	14.05	28108
1/2	12.7	0,50	14.27	28549	15.81	31614
	13	0,52	15.01	30026	16.68	33355
	14	0,60	17.35	34700	19.28	38558
	15	0,70	20.12	40234	22.35	44709
5/8		0,78	22.41	44816	24.90	49808
	16	0,79	22.76	45525	25.30	50595
	17	0,89	25.35	50705	28.16	56327
	18	0,99	28.59	57187	31.78	63558
3/4	19	1,10	32.11	64219	35.68	71362
	20	1,23	35.27	70547	39.20	78395
	21	1,33	38.56	77116	42.84	85670
7/8	22	1,47	43.04	86089	47.83	95657
	23	1,61	46.79	93584	51.98	103968
	24	1,75	51.05	102094	56.71	113426
	25	1,89	55.41	110824	61.56	123126
1		1,97	57.58	115152	63.97	127944
	26	2,06	60.33	120657	67.03	134061
	27	2,22	64.29	128571	71.43	142857
	28	2,37	69.20	138404	76.88	153769
1 1/8		2,47	72.43	144865	80.48	160961
	29	2,55	74.60	149206	82.89	165784
	30	2,75	79.91	159810	88.78	177557
	31	2,94	85.37	170745	94.86	189726
1 1/4	32	3,12	91.01	182010	102.46	204916
	33	3,34	96.18	192350	106.87	213734
	34	3,52	102.91	205820	115.28	230555
	36	3,92	114.31	228615	127.01	254012
1 1/2	38	4,40	127.81	255621	142.02	284038
	40	4,90	141.27	282539	156.97	313932
1 5/8		5,16	150.92	301846	167.70	335401
	42	5,35	156.27	312543	173.64	347287
	44	5,91	170.81	341622	189.79	379585
1 3/4		6,02	175.79	351574	195.32	390644
	46	6,44	188.26	376520	209.18	418363
1 7/8		6,91	201.10	402194	223.45	446902
	48	7,02	204.28	408553	226.98	453967
	50	7,62	222.52	445039	247.24	494487
2		7,86	229.70	459394	255.22	510437
	52	8,23	239.75	479506	266.40	532791
	54	8,82	261.79	523576	290.88	581756
	56	9,52	276.92	553845	307.69	615376
2 1/4		9,91	288.41	576826	320.46	640910
	58	10,22	299.20	598401	332.44	664870
	60	10,92	320.68	641369	356.32	712644
	62	11,67	339.59	679178	377.32	754642
2 1/2		12,24	356.22	712439	395.80	791599
	64	12,42	356.39	712777	395.98	791967
	66	13,22	380.97	761940	423.30	846597
	68	14,03	402.89	805790	447.67	895341
	70	14,87	425.68	851359	472.98	945960
	72	15,73	451.35	902705	501.50	1002993