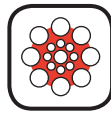


Very High  
breaking force

## PROPERTIES



Plast rope



Compacted



Swaged



Parallel  
Construction



Lubricated

## APPLICATIONS

Boom hoist rope for all kind of crawler cranes and mobile cranes especially suited for multi-layer spooling.

## 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>
8-50	8	298	208	0,744	0,85	0,87 (1960)* 0,86 (2160)*

- Standard tolerance on diameter +0% to +3,75%
- Temperature range of use: -50°C to +115°C
- Suitable for multi-layer spooling
- Only available in ordinary 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 [2000 lbs]	lbs	t [2000 lbs]	lbs
5/16	8	0.21	7.09	14,185	7.72	15,444
	9	0.27	8.92	17,850	9.72	19,446
3/8		0.30	10.14	20,278	11.04	22,076
	10	0.33	10.94	21,883	11.91	23,830
7/16	11	0.41	13.66	27,314	14.88	29,765
	12	0.47	15.85	31,698	17.27	34,531
1/2	12.7	0.53	17.80	35,610	19.40	38,802
	13	0.56	18.76	37,521	20.44	40,870
	14	0.66	22.01	44,018	23.99	47,974
5/8	15	0.75	25.09	50,177	27.33	54,651
	16	0.85	28.67	57,349	31.24	62,474
	17	0.97	32.80	65,599	35.72	71,444
3/4	18	1.08	36.27	72,546	39.51	79,020
	19	1.22	40.96	81,920	44.62	89,249
	20	1.34	44.79	89,586	48.79	97,581
7/8	21	1.46	49.18	98,354	53.57	107,130
	22	1.63	54.54	109,077	59.41	118,814
	23	1.77	59.38	118,767	64.69	129,380
1	24	1.93	64.76	129,512	70.55	141,092
	25	2.09	70.19	140,371	76.46	152,917
	26	2.16	72.40	144,799	78.87	157,748
1 1/8	27	2.25	75.50	151,004	82.25	164,502
	28	2.44	81.74	163,481	89.05	178,094
	29	2.62	87.99	175,980	95.85	191,704
1 1/4	30	2.73	91.55	183,107	99.74	199,473
	32	3.02	101.39	202,778	110.48	220,960
	34	3.41	114.53	229,058	124.77	249,536
1 1/2	36	3.88	130.09	260,171	141.71	283,426
	38	4.33	145.18	290,363	158.16	316,315
	40	4.84	162.58	325,164	177.11	354,213
1 5/8	42	5.34	179.15	358,300	195.17	390,333
	44	5.68	190.76	381,523	207.81	415,627
	46	5.89	197.52	395,034	215.16	430,329
1 3/4	48	6.50	218.04	436,084	237.53	475,066
	50	6.63	222.55	445,099	242.45	484,890
	52	7.09	237.83	475,651	259.08	518,162
1 7/8	54	7.60	254.96	509,916	277.74	555,489
	56	7.72	259.00	518,005	282.15	564,293
	58	8.31	278.80	557,594	303.72	607,434
2	60	8.57	287.82	575,646	313.54	627,082

Special constructions and diameter available - please contact us directly.