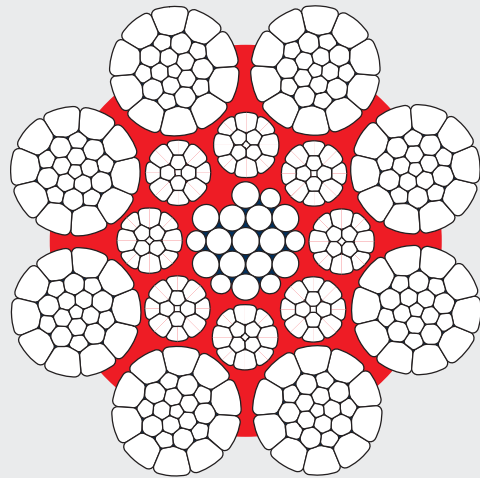
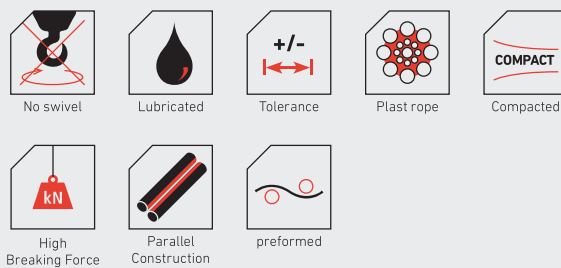


CASAR **PARAPLAST M**

- High performance mining rope
- 8-strand construction with compacted outer strands
- Double parallel design
- Fully lubricated
- Plastic layer between steel core and outer strands
- Very high breaking force
- Good resistance to drum crushing
- Available in ordinary (regular) lay or lang's lay

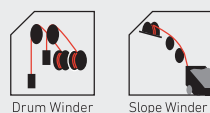


PROPERTIES



APPLICATIONS

High performance hoist rope particularly developed for heavy duty, multi-layer drum winder applications. Our CASAR Paraplast MD is a double parallel, very durable rope design to provide an excellent flexibility with a very high breaking force and a good resistance to drum crushing.



Nominal Diameter		metallic area		Weight		Aggregate Breaking Force				Minimum Breaking Force			
						1770 N/mm ²		1960 N/mm ²		1770 N/mm ²		1960 N/mm ²	
						kN	lbs	kN	lbs	kN	lbs	kN	lbs
mm	inch	mm ²	Sqin	kg/m	lb/ft								
20		220.1	0.3412	2.01	1.35	389.6	87,580	431.4	96,982	342.9	77,087	379.7	85,362
21		240.4	0.3726	2.20	1.48	425.5	95,658	471.2	105,926	374.5	84,191	414.7	93,228
22		264.8	0.4104	2.40	1.61	468.7	105,367	519.0	116,678	412.5	92,734	456.8	102,688
	7/8	270.2	0.4189	2.45	1.65	478.3	107,533	529.7	119,076	421.0	94,640	466.2	104,799
23		299.8	0.4647	2.64	1.77	530.6	119,294	587.6	132,100	467.0	104,986	517.1	116,255
24		325.7	0.5048	2.87	1.93	576.5	129,600	638.4	143,512	507.3	114,046	561.8	126,288
25		353.1	0.5473	3.11	2.09	625.0	140,503	692.1	155,585	550.0	123,645	609.0	136,918
	1	364.5	0.5650	3.21	2.16	645.1	145,035	714.4	160,603	567.7	127,633	628.7	141,334
26		383.9	0.5950	3.38	2.27	679.5	152,758	752.4	169,156	598.0	134,436	662.2	148,867
27		412.3	0.6391	3.63	2.44	729.8	164,059	808.1	181,670	642.1	144,350	711.0	159,845
28		441.0	0.6836	3.89	2.61	780.6	175,479	864.4	194,316	686.8	154,399	760.6	170,990
	1 1/8	459.3	0.7119	4.05	2.72	813.0	182,760	900.2	202,379	715.3	160,805	792.2	178,085
29		475.6	0.7372	4.18	2.81	841.8	189,247	932.2	209,561	740.8	166,538	820.3	184,415
30		512.5	0.7944	4.49	3.02	907.1	203,930	1,004.5	225,821	798.3	179,465	884.0	198,730
31		546.6	0.8473	4.78	3.21	967.5	217,507	1,071.4	240,855	841.7	189,222	921.4	207,139
	1 1/4	573.4	0.8888	5.01	3.37	1,014.9	228,158	1,123.8	252,650	882.9	198,488	966.5	217,283
32		580.4	0.8996	5.11	3.43	1,027.3	230,936	1,137.5	255,726	893.7	200,912	978.3	219,931
33		618.5	0.9587	5.45	3.66	1,094.7	246,108	1,212.3	272,527	952.4	214,108	1,042.5	234,363
34		650.8	1.0087	5.75	3.86	1,151.9	258,961	1,275.6	286,759	1,002.2	225,303	1,097.0	246,615
	1 3/8	686.7	1.0644	6.07	4.08	1,215.4	273,243	1,345.9	302,574	1,057.5	237,729	1,157.5	260,217
35		690.5	1.0702	6.11	4.11	1,222.1	274,746	1,353.3	304,239	1,063.3	239,039	1,163.9	261,655
36		732.0	1.1346	6.42	4.31	1,295.6	291,267	1,434.7	322,533	1,127.2	253,405	1,233.8	277,369
37		770.8	1.1947	6.78	4.56	1,364.3	306,706	1,510.7	339,630	1,186.9	266,826	1,299.2	292,072
38		817.0	1.2664	7.20	4.84	1,446.1	325,106	1,601.4	360,004	1,258.1	282,832	1,377.2	309,607
39		851.5	1.3199	7.58	5.09	1,507.2	338,834	1,669.0	375,206	1,311.3	294,792	1,435.3	322,668
40		909.7	1.4101	7.98	5.36	1,610.2	361,996	1,783.1	400,855	1,400.9	314,935	1,533.5	344,744
	1 5/8	968.7	1.5014	8.50	5.71	1,714.5	385,441	1,898.6	426,816	1,491.6	335,332	1,632.8	367,072
42		996.8	1.5450	8.78	5.90	1,764.3	396,623	1,953.6	439,198	1,534.9	345,059	1,680.1	377,701
44		1,098.4	1.7025	9.64	6.48	1,944.1	437,054	2,152.8	483,970	1,691.4	380,242	1,851.4	416,211
	1 3/4	1,121.0	1.7375	9.84	6.61	1,984.1	446,040	2,197.1	493,920	1,726.2	388,059	1,889.5	424,768
46		1,200.0	1.8600	10.54	7.08	2,124.1	477,506	2,352.1	528,764	1,847.9	415,424	2,022.8	454,743
	1 7/8	1,286.3	1.9938	11.30	7.59	2,276.8	511,839	2,521.2	566,782	1,980.8	445,293	2,168.2	487,440
48		1,306.4	2.0249	11.46	7.70	2,312.3	519,820	2,560.5	575,620	2,011.7	452,248	2,202.0	495,029
50		1,403.3	2.1751	12.52	8.41	2,483.8	558,374	2,750.4	618,312	2,160.9	485,790	2,365.3	531,740
51		1,453.8	2.2535	12.85	8.63	2,573.3	578,502	2,849.5	640,601	2,238.8	503,297	2,450.6	550,917
52		1,523.3	2.3612	13.46	9.05	2,696.3	606,156	2,985.8	671,223	2,345.8	527,355	2,567.7	577,252
53		1,582.5	2.4529	13.99	9.40	2,801.0	629,694	3,101.7	697,288	2,436.9	547,833	2,667.5	599,667
54		1,641.3	2.5439	14.51	9.75	2,905.0	653,075	3,216.9	723,179	2,527.4	568,175	2,766.5	621,934
55		1,704.2	2.6415	15.06	10.12	3,016.4	678,114	3,340.2	750,906	2,624.3	589,959	2,872.6	645,779
56		1,766.7	2.7384	15.61	10.49	3,127.1	702,997	3,462.8	778,460	2,720.6	611,607	2,978.0	669,476
57		1,840.0	2.8520	16.26	10.93	3,256.8	732,167	3,606.4	810,761	2,833.5	636,985	3,101.5	697,254
58		1,895.2	2.9375	16.75	11.26	3,354.4	754,108	3,714.5	835,057	2,918.4	656,074	3,194.5	718,149
59		1,961.1	3.0397	17.33	11.65	3,471.1	780,336	3,843.7	864,101	3,019.9	678,892	3,305.6	743,127
60		2,028.1	3.1436	17.92	12.04	3,589.8	807,012	3,975.1	893,640	3,123.1	702,100	3,418.6	768,531
	2 3/8	2,050.1	3.1777	18.12	12.18	3,628.8	815,778	4,018.3	903,348	3,157.0	709,727	3,455.7	776,879
61		2,096.3	3.2492	18.53	12.45	3,710.4	834,137	4,108.7	923,677	3,228.1	725,699	3,533.5	794,362
62		2,165.6	3.3566	19.14	12.86	3,833.1	861,709	4,244.5	954,209	3,334.8	749,687	3,650.3	820,620
63		2,236.0	3.4658	19.76	13.28	3,957.7	889,731	4,382.6	985,239	3,443.2	774,066	3,769.0	847,305
	2 1/2	2,271.6	3.5210	20.08	13.49	4,020.8	903,909	4,452.4	1,000,939	3,498.1	786,401	3,829.1	860,808
64		2,307.5	3.5767	20.39	13.70	4,084.4	918,200	4,522.8	1,016,764	3,553.4	798,834	3,889.6	874,417
65		2,380.2	3.6893	21.04	14.14	4,213.0	947,118	4,665.2	1,048,786	3,665.3	823,993	4,058.8	912,444

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