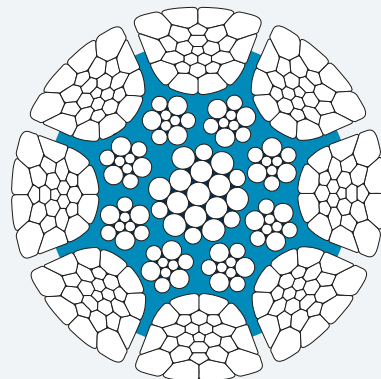
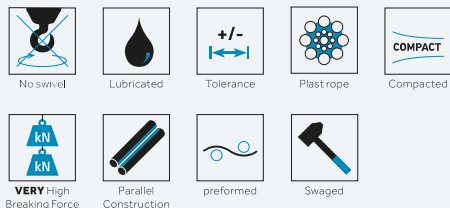


CASAR PARAFIT

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



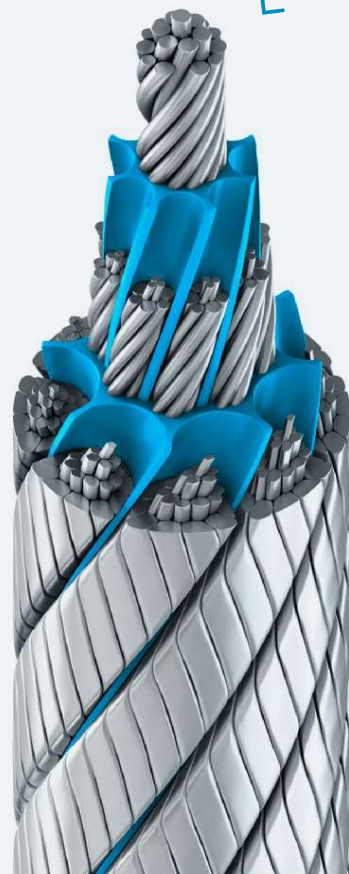
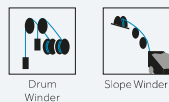
PROPERTIES



INNOVATIVE DESIGN

APPLICATIONS

High performance hoist rope particularly developed for heavy duty, multi-layer drum winder applications. Our CASAR Parafit MD is cold swaged after manufacture that makes it a very durable rope design with an extremely high breaking force and an excellent flexibility. This innovative rope design provides an increased surface contact area and provides maximum resistance against abrasion and crushing. Less recommended for koepe friction winder applications.



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	
mm	inch	mm ²	Sqin	kg/m	lb/ft	kN	lbs	kN	lbs	kN	lbs	kN	lbs
20		233.7	0.3622	1.99	1.34	413.6	92,992	458.1	102,974	359.8	80,894	398.5	89,575
21		256.5	0.3976	2.18	1.46	454.0	102,064	502.7	113,020	394.9	88,786	437.5	98,343
22		284.5	0.4410	2.42	1.63	503.6	113,206	557.6	125,358	438.1	98,478	485.2	109,066
	7/8	290.3	0.4500	2.47	1.66	513.9	115,533	569.1	127,935	447.1	100,502	495.1	111,308
23		309.8	0.4802	2.63	1.77	548.3	123,273	607.2	136,506	477.0	107,235	528.3	118,764
24		337.9	0.5237	2.87	1.93	598.1	134,454	662.3	148,887	520.3	116,962	576.1	129,517
25		366.2	0.5676	3.11	2.09	648.2	145,715	717.8	161,357	563.8	126,758	624.4	140,371
	1	378.0	0.5859	3.21	2.16	669.1	150,415	740.9	166,562	582.0	130,846	644.5	144,898
26		393.9	0.6105	3.35	2.25	697.2	156,737	772.0	173,562	606.5	136,346	671.7	151,006
27		426.5	0.6611	3.63	2.44	754.9	169,709	835.9	187,927	656.7	147,630	727.2	163,483
28		459.1	0.7116	3.90	2.62	812.6	182,681	899.8	202,291	706.9	158,914	782.8	175,976
	1 1/8	478.1	0.7411	4.06	2.73	846.3	190,261	937.2	210,685	736.2	165,508	815.3	183,278
29		491.5	0.7618	4.18	2.81	870.0	195,574	963.3	216,567	756.8	170,129	838.0	188,399
30		529.1	0.8201	4.50	3.02	936.5	210,535	1,037.0	233,135	814.7	183,144	902.2	202,832
		565.0	0.8757	4.81	3.23	1,000.0	224,805	1,107.3	248,936	869.9	195,558	963.4	216,579
32	1 1/4	597.5	0.9261	5.08	3.41	1,057.6	237,752	1,171.1	263,274	920.0	206,821	1,018.9	229,065
34		678.7	1.0520	5.77	3.88	1,201.3	270,063	1,330.3	299,052	1,045.0	234,928	1,157.3	260,174
	1 3/8	716.1	1.1100	6.09	4.09	1,267.6	284,957	1,403.6	315,546	1,102.6	247,884	1,221.1	274,523
36		757.5	1.1741	6.44	4.33	1,340.8	301,418	1,484.7	333,774	1,166.3	262,204	1,291.6	290,365
38		848.2	1.3147	7.21	4.85	1,501.3	337,509	1,662.5	373,739	1,306.0	293,599	1,446.4	325,152
	1 1/2	852.7	1.3216	7.25	4.87	1,509.2	339,287	1,671.2	375,708	1,312.9	295,146	1,454.0	326,866
40		934.7	1.4488	7.95	5.34	1,654.4	371,928	1,832.0	411,853	1,439.2	323,540	1,593.8	358,309
	1 5/8	995.2	1.5426	8.46	5.69	1,761.6	396,016	1,950.7	438,527	1,532.4	344,495	1,697.1	381,516
42		1,030.5	1.5973	8.76	5.89	1,824.0	410,048	2,019.8	454,065	1,586.7	356,701	1,757.2	395,032
43		1,080.2	1.6742	9.19	6.17	1,911.9	429,807	2,117.1	475,944	1,663.1	373,889	1,841.9	414,067
44		1,137.6	1.7633	9.68	6.50	2,013.6	452,664	2,229.7	501,256	1,751.6	393,773	1,939.8	436,089
	1 3/4	1,161.0	1.7995	9.87	6.64	2,054.9	461,971	2,275.5	511,561	1,787.6	401,868	1,979.7	445,054
46		1,240.8	1.9232	10.55	7.09	2,196.2	493,729	2,432.0	546,728	1,910.5	429,495	2,115.8	475,642
	1 7/8	1,330.0	2.0615	11.31	7.60	2,354.1	529,228	2,606.8	586,038	2,047.9	460,375	2,267.9	509,840
48		1,351.3	2.0945	11.49	7.72	2,391.8	537,698	2,648.5	595,417	2,080.6	467,744	2,304.2	517,996
50		1,454.6	2.2546	12.37	8.31	2,574.6	578,802	2,851.0	640,934	2,239.7	503,500	2,480.3	557,591
51	2	1,512.0	2.3436	12.86	8.64	2,676.3	601,649	2,963.5	666,232	2,329.1	523,374	2,578.0	579,556
52		1,584.3	2.4557	13.47	9.05	2,804.2	630,409	3,105.2	698,080	2,439.4	548,392	2,701.2	607,259
53		1,645.8	2.5510	13.99	9.40	2,913.1	654,888	3,225.8	725,187	2,534.1	569,687	2,806.1	630,840
54	2 1/8	1,706.9	2.6457	14.51	9.75	3,021.3	679,205	3,345.6	752,114	2,628.2	590,840	2,910.3	654,264
55		1,772.4	2.7472	15.07	10.13	3,137.1	705,246	3,473.8	780,951	2,729.0	613,494	3,021.9	679,349
56		1,837.4	2.8480	15.62	10.50	3,252.2	731,125	3,601.3	809,607	2,829.1	636,005	3,132.8	704,277
57	2 1/4	1,913.6	2.9661	16.27	10.93	3,387.2	761,461	3,750.7	843,200	2,946.5	662,395	3,262.8	733,500
58		1,971.0	3.0550	16.76	11.26	3,488.7	784,281	3,863.1	868,469	3,034.8	682,246	3,360.5	755,481
59		2,039.5	3.1613	17.34	11.65	3,610.0	811,558	3,997.5	898,674	3,140.3	705,974	3,477.4	781,757
60		2,109.3	3.2694	17.94	12.05	3,734.4	839,301	4,134.2	929,396	3,247.7	730,108	3,596.3	808,482
	2 3/8	2,132.2	3.3049	18.13	12.18	3,774.0	848,419	4,179.1	939,492	3,283.0	738,039	3,635.4	817,264
61		2,180.2	3.3792	18.54	12.46	3,858.9	867,511	4,273.1	960,634	3,356.8	754,648	3,717.2	835,656
62		2,252.2	3.4910	19.15	12.87	3,986.4	896,187	4,414.4	992,388	3,467.8	779,593	3,840.1	863,279
63		2,325.5	3.6045	19.77	13.29	4,116.1	925,330	4,557.9	1,024,659	3,580.6	804,944	3,964.9	891,351
	2 1/2	2,362.5	3.6619	20.09	13.50	4,181.7	940,076	4,630.5	1,040,988	3,637.6	817,772	4,028.1	905,555
64		2,399.9	3.7198	20.41	13.71	4,247.8	954,939	4,703.8	1,057,446	3,695.1	830,701	4,091.8	919,872
65		2,475.5	3.8370	21.05	14.14	4,381.6	985,014	4,851.9	1,090,749	3,811.5	856,863	4,220.7	948,843

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