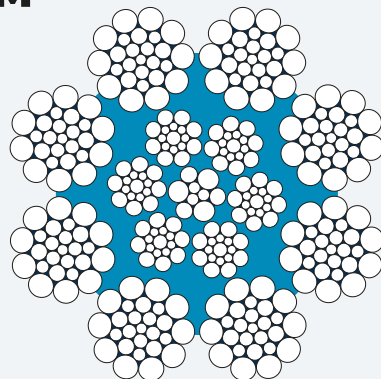


CASAR STRATOPLAST M

- High performance mining rope
- 8-strand construction made out of conventional strands
- Fully lubricated
- Plastic layer between steel core and outer strands
- High breaking force
- Very flexible
- Designed to have a specific unit weight
- Available in ordinary (regular) lay or langs lay



PROPERTIES



No swivel



Lubricated



Tolerance



Plast rope



preformed

APPLICATIONS

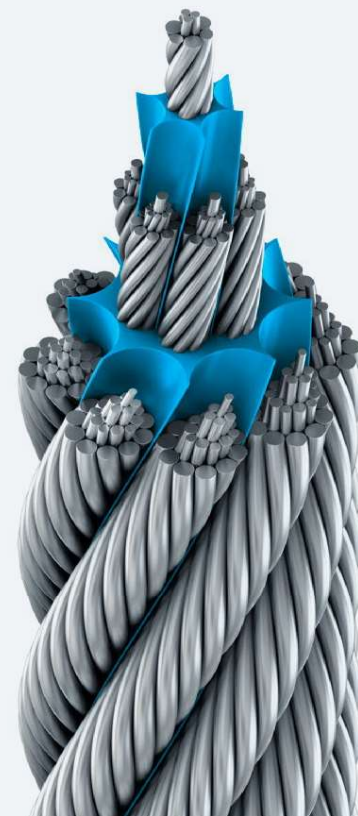
High performance hoist rope suitable for a wide range of applications. Rope design and manufacturing parameters are adjusted according to the application, i.e. Stratoplast MD and Stratoplast MF. The Stratoplast M with conventional strands offers a high breaking force with a moderate rope weight, which provides a special suitability for koepe friction winder head rope applications where ropes with compacted strands are too heavy. Less recommended for multi-layer drum winder applications.



Shaft Sinking



Koepe Winder head rope



Nominal Diameter		metallic area		Weight		Aggregate Breaking Force				Minimum Breaking Force			
						1770 N/mm²		1960 N/mm²		1770 N/mm²		1960 N/mm²	
						kN	lbs	kN	lbs	kN	lbs	kN	lbs
mm	inch	mm²	Sqin	kg/m	lb/ft								
20		191.0	0.2961	1.67	1.13	338.1	76,005	374.4	84,163	290.4	65,296	321.6	72,305
21		210.6	0.3264	1.85	1.24	372.7	83,795	412.8	92,790	320.2	71,988	354.6	79,716
22		231.1	0.3582	2.03	1.36	409.1	91,966	453.0	101,838	351.4	79,008	389.2	87,489
	7/8	235.9	0.3656	2.07	1.39	417.5	93,856	462.3	103,931	358.7	80,632	397.2	89,287
23		252.6	0.3915	2.21	1.49	447.1	100,516	495.1	111,306	384.1	86,353	425.4	95,623
24		275.1	0.4263	2.41	1.62	486.8	109,447	539.1	121,195	418.2	94,026	463.1	104,119
25		298.5	0.4626	2.62	1.76	528.3	118,757	585.0	131,505	453.8	102,024	502.5	112,976
	1	308.1	0.4775	2.70	1.81	545.3	122,588	603.8	135,747	468.5	105,315	518.8	116,620
26		322.8	0.5003	2.83	1.90	571.4	128,448	632.7	142,236	490.9	110,350	543.6	122,195
27		348.1	0.5396	3.05	2.05	616.2	138,518	682.3	153,388	529.3	119,001	586.2	131,775
28		374.4	0.5803	3.28	2.21	662.6	148,969	733.8	164,960	569.3	127,979	630.4	141,717
	1 1/8	389.9	0.6044	3.42	2.30	690.1	155,150	764.2	171,805	592.9	133,290	656.5	147,598
29		401.6	0.6225	3.52	2.37	710.8	159,800	787.1	176,953	610.7	137,284	676.2	152,021
30		429.8	0.6661	3.77	2.53	760.7	171,010	842.3	189,368	653.5	146,915	723.7	162,686
31		458.9	0.7113	4.02	2.70	812.3	182,601	899.4	202,202	697.8	156,873	772.7	173,712
	1 1/4	481.4	0.7461	4.22	2.84	852.0	191,544	943.5	212,105	732.0	164,555	810.6	182,219
32		489.0	0.7579	4.29	2.88	865.5	194,572	958.4	215,458	743.6	167,157	823.4	185,100
33		520.0	0.8060	4.56	3.06	920.4	206,923	1,019.2	229,135	790.7	177,767	875.6	196,850
34		552.0	0.8556	4.84	3.25	977.1	219,653	1,082.0	243,232	839.4	188,704	929.5	208,961
	1 3/8	582.5	0.9028	5.11	3.43	1,031.0	231,768	1,141.6	256,647	885.7	199,112	980.8	220,485
35		585.0	0.9067	5.13	3.45	1,035.4	232,764	1,146.5	257,750	889.5	199,968	985.0	221,433
36		618.9	0.9592	5.43	3.65	1,095.4	246,255	1,213.0	272,689	941.1	211,558	1,042.1	234,267
37		653.7	1.0133	5.73	3.85	1,157.1	260,126	1,281.3	288,049	994.1	223,474	1,100.8	247,463
38		689.5	1.0688	6.04	4.06	1,220.5	274,377	1,351.5	303,830	1,048.5	235,717	1,161.1	261,020
	1 1/2	693.2	1.0744	6.08	4.08	1,226.9	275,823	1,358.6	305,431	1,054.0	236,959	1,167.2	262,396
39		726.3	1.1258	6.37	4.28	1,285.6	289,008	1,423.6	320,031	1,104.4	248,287	1,223.0	274,939
40		764.0	1.1843	6.70	4.50	1,352.3	304,019	1,497.5	336,653	1,161.8	261,182	1,286.5	289,219
41		802.7	1.2442	7.04	4.73	1,420.8	319,410	1,573.3	353,696	1,220.6	274,405	1,351.6	303,861
	1 5/8	813.5	1.2610	7.13	4.79	1,439.9	323,709	1,594.5	358,457	1,237.0	278,098	1,369.8	307,951
42		842.3	1.3056	7.38	4.96	1,491.0	335,181	1,651.0	371,160	1,280.9	287,954	1,418.4	318,864
43		882.9	1.3686	7.74	5.20	1,562.8	351,332	1,730.6	389,045	1,342.6	301,829	1,486.7	334,229
44		924.5	1.4329	8.10	5.45	1,636.3	367,863	1,812.0	407,351	1,405.8	316,031	1,556.7	349,955
	1 3/4	943.5	1.4624	8.27	5.56	1,670.0	375,425	1,849.2	415,725	1,434.7	322,528	1,588.7	357,150
45		967.0	1.4988	8.48	5.70	1,711.6	384,774	1,895.3	426,077	1,470.4	330,559	1,628.2	366,043
46		1,010.4	1.5662	8.86	5.95	1,788.5	402,065	1,980.5	445,224	1,536.5	345,414	1,701.4	382,492
47		1,054.8	1.6350	9.25	6.21	1,867.1	419,736	2,067.5	464,792	1,604.0	360,595	1,776.2	399,303
	1 7/8	1,083.1	1.6788	9.49	6.38	1,917.1	430,973	2,122.9	477,236	1,647.0	370,249	1,823.7	409,993
48		1,100.2	1.7053	9.64	6.48	1,947.4	437,787	2,156.4	484,781	1,673.0	376,103	1,852.6	416,475
49		1,146.5	1.7771	10.05	6.75	2,029.4	456,218	2,247.2	505,191	1,743.4	391,937	1,930.6	434,009
50		1,193.8	1.8504	10.46	7.03	2,113.0	475,029	2,339.9	526,021	1,815.3	408,098	2,010.2	451,905
	2	1,232.3	1.9101	10.80	7.26	2,181.2	490,352	2,415.3	542,988	1,873.9	421,261	2,075.0	466,481
51		1,242.0	1.9252	10.89	7.32	2,198.4	494,220	2,434.4	547,272	1,888.6	424,585	2,091.4	470,162
52		1,291.2	2.0014	11.32	7.61	2,285.5	513,791	2,530.8	568,944	1,963.4	441,398	2,174.2	488,780
53		1,341.4	2.0791	11.76	7.90	2,374.2	533,743	2,629.1	591,037	2,039.7	458,538	2,258.6	507,760
54	2 1/8	1,391.2	2.1563	12.19	8.19	2,462.4	553,561	2,726.7	612,983	2,115.4	475,564	2,342.5	526,614
55		1,444.5	2.2390	12.66	8.51	2,556.8	574,785	2,831.2	636,485	2,196.5	493,798	2,432.3	546,805
56		1,497.5	2.3211	13.13	8.82	2,650.6	595,877	2,935.1	659,841	2,277.1	511,918	2,521.6	566,869
57	2 1/4	1,559.6	2.4175	13.67	9.19	2,760.6	620,601	3,056.9	687,220	2,371.6	533,159	2,626.2	590,390
58		1,606.4	2.4899	14.08	9.46	2,843.3	639,199	3,148.5	707,814	2,442.7	549,136	2,704.9	608,083
59		1,662.3	2.5765	14.57	9.79	2,942.2	661,431	3,258.0	732,432	2,527.6	568,235	2,799.0	629,232
60		1,719.1	2.6646	15.07	10.13	3,042.8	684,042	3,369.4	757,470	2,614.0	587,660	2,894.6	650,743
	2 3/8	1,737.8	2.6935	15.23	10.24	3,075.8	691,472	3,406.0	765,698	2,642.4	594,044	2,926.1	657,811
61		1,776.9	2.7541	15.58	10.47	3,145.0	707,033	3,482.6	782,930	2,701.9	607,412	2,991.9	672,615
62		1,835.6	2.8452	16.09	10.81	3,249.0	730,405	3,597.8	808,810	2,791.2	627,491	3,090.8	694,849
63		1,895.3	2.9377	16.61	11.16	3,354.7	754,156	3,714.8	835,111	2,882.0	647,896	3,191.3	717,444
	2 1/2	1,925.5	2.9845	16.88	11.34	3,408.1	766,174	3,774.0	848,419	2,927.9	658,220	3,242.2	728,877
64		1,955.9	3.0317	17.15	11.52	3,462.0	778,288	3,833.6	861,833	2,974.2	668,627	3,293.5	740,400
65		2,017.5	3.1272	17.69	11.88	3,571.0	802,799	3,954.4	888,975	3,067.9	689,685	3,397.2	763,719

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