

DIEPA ML5

- ★ Non - rotation resistant
- ★ Compacted outer strands
- ★ With or without plastic component
- ★ 10 strand construction optimised for breaking load

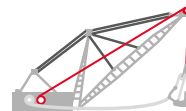
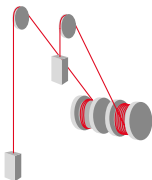
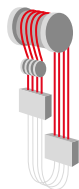
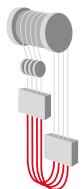
Applications:

In drum wells, it is used as balance rope and hoisting rope. In surface mining, Dragline cover is used as hoist and drag rope in excavation machines. It is used as hoist rope in electric excavator machines.



GENERAL VIEW

Category No RCN	Diameter Range (mm)	Number of Outer Strands	Number of Wires in Outer Strands	Average Fill Factor	Average Spin Factor
11	20 - 59	10	260	0.6940	0.8400
13	60 - 90	10	310		
13	91 - 127	10	410		




DIEPA ML SERİSİ

Rope Diameter		DIEPA ML4			DIEPA ML5		
		Minimum Breaking Force 1960 N/mm ²		Weight	Minimum Breaking Force 1960 N/mm ²		Weight
(mm)	(inch)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)
20		345,0	77.500	187,0	359,0	80.600	196,0
21		381,0	85.500	206,0	396,0	88.800	216,0
22		418,0	93.800	226,0	434,0	97.500	237,0
	7/8	427,0	95.700	230,0	444,0	99.500	242,0
23		457,0	102.600	247,0	475,0	106.500	260,0
24		497,0	111.600	269,0	517,0	116.000	283,0
25		540,0	121.200	292,0	561,0	126.000	307,0
	1	558,0	125.100	301,0	579,0	130.000	316,0
26		584,0	131.000	315,0	606,0	136.200	332,0
27		630,0	141.400	340,0	654,0	147.000	358,0
28		677,0	152.000	366,0	704,0	158.000	385,0
	1 1/8	706,0	158.400	381,0	732,0	164.600	401,0
29		727,0	163.200	392,0	754,0	169.500	413,0
30		778,0	174.600	420,0	807,0	181.400	442,0
31		830,0	186.400	448,0	863,0	193.700	471,0
	1 1/4	870,0	195.500	470,0	905,0	203.100	495,0
32		885,0	198.700	478,0	919,0	206.400	502,0
33		941,0	211.300	508,0	977,0	219.500	534,0
34		999,0	224.300	539,0	1.037	233.100	567,0
	1 3/8	1.053	236.700	569,0	1.095	245.900	598,0
35		1.058	237.700	572,0	1.100	246.900	601,0
36		1.119	251.500	605,0	1.163	261.300	636,0
37		1.182	265.600	639,0	1.229	276.000	672,0
38		1.247	280.200	674,0	1.296	291.100	708,0
	1 1/2	1.254	281.600	677,0	1.303	292.600	712,0
39		1.314	295.200	710,0	1.365	306.600	746,0
40		1.382	310.500	747,0	1.436	322.600	785,0
41		1.452	326.200	784,0	1.509	339.000	825,0
	1 5/8	1.471	330.500	795,0	1.529	343.500	836,0
42		1.523	342.300	823,0	1.583	355.600	865,0
43		1.597	358.800	863,0	1.659	372.800	907,0
44		1.672	375.700	903,0	1.737	390.300	950,0
	1 3/4	1.707	383.500	922,0	1.773	398.400	969,0
45		1.749	393.000	945,0	1.817	408.400	993,0
46		1.828	410.700	987,0	1.899	426.700	1.038
47		1.908	428.700	1.031	1.982	445.400	1.084
	1 7/8	1.959	440.200	1.058	2.035	457.400	1.113
48		1.990	447.100	1.075	2.067	464.600	1.130
49		2.074	466.000	1.120	2.155	484.100	1.178



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		Minimum Breaking Force 1960 N/mm ²		Weight	Minimum Breaking Force 1960 N/mm ²		Weight
(mm)	(inch)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)
50		2.159	485.200	1.166	2.244	504.100	1.226
	2	2.229	500.900	1.204	2.316	520.400	1.266
51		2.247	504.800	1.214	2.334	524.400	1.276
52		2.336	524.800	1.262	2.427	545.300	1.326
53		2.426	545.200	1.311	2.521	566.400	1.378
	2 1/8	2.516	565.500	1.359	2.614	587.400	1.429
54		2.519	566.000	1.361	2.617	588.000	1.430
55		2.613	587.100	1.411	2.715	610.000	1.484
56		2.709	608.600	1.463	2.814	632.400	1.538
57		2.806	630.600	1.516	2.916	655.200	1.594
	2 1/4	2.821	634.000	1.524	2.931	658.700	1.602
58		2.905	652.900	1.570	3.019	678.400	1.650
59		3.006	675.600	1.624	3.124	701.900	1.708
60		3.109	698.700	1.680	3.231	726.000	1.766
	2 3/8	3.143	706.300	1.698	3.266	733.900	1.785
61		3.214	722.200	1.736	3.339	750.300	1.825
62		3.320	746.100	1.794	3.450	775.200	1.886
63		3.428	770.300	1.852	3.562	800.400	1.947
	2 1/2	3.482	782.600	1.881	3.619	813.200	1.978
64		3.538	795.000	1.911	3.676	826.000	2.009
65		3.649	820.000,0	1.971	3.792	852.000,0	2.073
66		3.762	845.500,0	2.032	3.909	878.500,0	2.137
	2 5/8	3.839	863.000,0	2.074	3.989	896.600,0	2.181
67		3.877	871.400,0	2.095	4.029	905.300,0	2.202
68		3.994	897.600,0	2.158	4.150	932.500,0	2.268
69		4.112	924.200,0	2.221	4.272	960.200,0	2.336
	2 3/4	4.214	947.000,0	2.277	4.378	983.900,0	2.393
70		4.232	951.100,0	2.286	4.397	988.200,0	2.404
71		4.354	978.500,0	2.352	4.523	1.016.600	2.473
72		4.478	1.006.300	2.419	4.652	1.045.500	2.543
73		4.603	1.034.400	2.486	4.782	1.074.700	2.614
	2 7/8	4.606	1.035.100	2.488	4.785	1.075.400	2.616
74		4.729	1.062.900	2.555	4.914	1.104.400	2.686
75		4.859	1.091.800	2.625	5.048	1.134.400	2.759
76		4.989	1.121.200	2.695	5.184	1.164.900	2.833
	3	5.015	1.127.100	2.709	5.211	1.171.000	2.848
77		5.121	1.150.900	2.766	5.321	1.195.700	2.909
78		5.255	1.180.900	2.839	5.460	1.226.900	2.985
79		5.391	1.211.500	2.912	5.600	1.258.700	3.062


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(mm)	(inch)	(kN)	(lbs)	(kg/100 m)	(kN)	(lbs)	(kg/100 m)
	3 1/8	5.442	1.222.900	2.940	5.654	1.270.600	3.091
80		5.528	1.242.300	2.986	5.743	1.290.700	3.140
82		5.808	1.305.100	3.137	6.034	1.356.100	3.299
	3 1/4	5.886	1.322.700	3.180	6.115	1.374.400	3.343
84		6.095	1.369.600	3.292	6.332	1.423.000	3.461
	3 3/8	6.347	1.426.500	3.429	6.595	1.482.100	3.605
86		6.388	1.435.600	3.451	6.637	1.491.600	3.628
88		6.689	1.503.300	3.613	6.949	1.561.800	3.799
	3 1/2	6.826	1.534.100	3.688	7.092	1.593.900	3.877
90		6.996	1.572.300	3.779	7.269	1.633.700	3.974
92		7.311	1.643.000	3.949	7.595	1.707.000	4.152
	3 5/8	7.323	1.645.600	3.956	7.608	1.709.800	4.159
94		7.632	1.715.200	4.123	7.930	1.782.000	4.335
	3 3/4	7.836	1.761.200	4.233	8.141	1.829.800	4.451
96		7.960	1.788.900	4.300	8.271	1.858.700	4.521
98		8.295	1.864.300	4.481	8.618	1.937.000	4.711
	3 7/8	8.367	1.880.500	4.520	8.693	1.953.900	4.752
100		8.637	1.941.200	4.666	8.974	2.016.900	4.906
	4	8.916	2.003.700	4.816	9.264.0	2.081.900	5.064
102		8.986	2.019.600	4.854	9.337.0	2.098.400	5.104
104		9.342	2.099.500	5.047	9.706.0	2.181.400	5.306
	4 1/8	9.482	2.131.000	5.122	9.852.0	2.214.100	5.385
106		9.704	2.181.100	5.243	10.083.0	2.266.200	5.512
	4 1/4	10.065	2.262.100	5.437	10.457.0	2.350.400	5.717
108		10.074	2.264.200	5.442	10.467.0	2.352.500	5.722
110		10.451	2.348.800	5.646	10.859.0	2.440.400	5.936
	4 3/8	10.666	2.397.100	5.762	11.082.0	2.490.600	6.058
112		10.835	2.435.000	5.853	11.257.0	2.530.000	6.154
114		11.225	2.522.800	6.064	11.663.0	2.621.100	6.375
	4 1/2	11.284	2.536.100	6.096	11.724.0	2.635.000	6.409
116		11.622	2.612.100	6.279	12.075.0	2.713.900	6.601
	4 5/8	11.920	2.678.900	6.439	12.384.0	2.783.400	6.770
118		12.027	2.703.000	6.497	12.495.0	2.808.300	6.831
120		12.437	2.795.300	6.719	12.923.0	2.904.300	7.064
	4 3/4	12.572	2.825.700	6.792	13.063.0	2.935.800	7.141
122		12.855	2.889.300	6.945	13.357.0	3.001.900	7.301
	4 7/8	13.243	2.976.400	7.154	13.759.0	3.092.500	7.522
124		13.280	2.984.800	7.174	13.799.0	3.101.100	7.543
126		13.712	3.081.900	7.408	14.247.0	3.202.000	7.788
	5	13.931	3.130.900	7.526	14.474.0	3.253.000	7.912