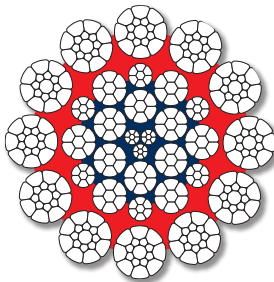


Mineplast VM



Mineplast VM

CASAR Mineplast VM Strength and Weights										
Nominal Diameter mm	Metallic Area mm ²	Weight kg/m	Aggregate Breaking Force				Minimum Breaking Force			
			1770 N/mm ²		1960 N/mm ²		1770 N/mm ²		1960 N/mm ²	
			kN	metric tons	kN	metric tons	kN	metric tons	kN	metric tons
20	206.4	1.90	365.3	37.24	404.5	41.24	297.6	30.34	329.6	33.60
21	227.6	2.09	402.9	41.07	446.1	45.47	328.1	33.45	363.4	37.04
22	249.8	2.29	442.1	45.07	489.6	49.91	360.1	36.71	398.8	40.65
23	273.0	2.50	483.2	49.26	535.1	54.54	393.6	40.12	435.9	44.43
24	297.3	2.73	526.2	53.64	582.7	59.40	428.6	43.69	474.6	48.38
25	322.6	2.96	571.0	58.21	632.3	64.45	465.0	47.40	515.0	52.50
26	348.9	3.20	617.6	62.95	683.8	69.71	503.0	51.27	557.0	56.78
27	376.2	3.45	665.9	67.88	737.4	75.16	542.4	55.29	600.7	61.23
28	404.6	3.71	716.1	73.00	793.0	80.84	583.3	59.46	646.0	65.85
29	434.1	3.98	768.4	78.32	850.8	86.73	625.8	63.79	692.9	70.63
30	464.5	4.25	822.2	83.81	910.4	92.81	669.7	68.27	741.5	75.59
31	496.0	4.54	877.9	89.49	972.2	99.10	715.0	72.88	791.8	80.71
32	528.5	4.84	935.4	95.36	1035.9	105.59	761.9	77.67	843.7	86.00
33	562.1	5.15	994.9	101.42	1101.7	112.31	810.3	82.60	897.3	91.47
34	596.6	5.47	1056.0	107.64	1169.3	119.20	860.1	87.68	952.5	97.09
35	632.2	5.80	1119.0	114.07	1239.1	126.31	911.5	92.92	1009.3	102.88
36	668.9	6.13	1184.0	120.69	1311.0	133.64	964.3	98.30	1067.8	108.85
37	706.6	6.48	1250.7	127.49	1384.9	141.18	1018.6	103.83	1128.0	114.98
38	745.3	6.83	1319.2	134.47	1460.8	148.91	1074.4	109.52	1189.8	121.28
39	785.0	7.20	1389.5	141.64	1538.6	156.84	1131.7	115.36	1253.2	127.75
40	825.8	7.57	1461.7	149.00	1618.6	164.99	1190.5	121.36	1318.3	134.38
41	867.6	7.95	1535.7	156.54	1700.5	173.34	1250.8	127.50	1385.0	141.18
42	910.4	8.34	1611.4	164.26	1784.4	181.89	1312.5	133.79	1453.4	148.15
43	954.3	8.74	1689.1	172.18	1870.4	190.67	1375.8	140.24	1523.5	155.30
44	999.2	9.16	1768.6	180.28	1958.4	199.64	1440.5	146.84	1595.1	162.60
45	1045.1	9.58	1849.8	188.57	2048.4	208.81	1506.7	153.59	1668.5	170.08
46	1092.1	10.01	1933.0	197.05	2140.5	218.20	1574.4	160.49	1743.5	177.73
47	1140.1	10.45	2018.0	205.71	2234.6	227.79	1643.6	167.54	1820.1	185.54
48	1189.1	10.90	2104.7	214.55	2330.6	237.58	1714.3	174.75	1898.4	193.52
49	1239.2	11.36	2193.4	223.59	2428.8	247.59	1786.5	182.11	1978.3	201.66
50	1290.3	11.82	2283.8	232.81	2529.0	257.80	1860.2	189.62	2059.8	209.97
51	1342.4	12.31	2376.0	242.21	2631.1	268.21	1935.3	197.28	2143.1	218.46
52	1395.6	12.79	2470.2	251.81	2735.4	278.84	2012.0	205.10	2227.9	227.10
53	1449.8	13.29	2566.1	261.58	2841.6	289.66	2090.1	213.06	2314.4	235.92
54	1505.0	13.79	2663.9	271.54	2949.8	300.69	2169.7	221.17	2402.6	244.91
55	1561.3	14.32	2763.5	281.70	3060.1	311.94	2250.8	229.44	2492.4	254.07
56	1618.5	14.84	2864.7	292.02	3172.3	323.37	2333.4	237.86	2583.9	263.39
57	1676.9	15.37	2968.1	302.56	3286.7	335.04	2417.5	246.43	2677.0	272.88
58	1736.2	15.91	3073.1	313.26	3403.0	346.89	2503.0	255.15	2771.7	282.54
59	1796.6	16.47	3180.0	324.16	3521.3	358.95	2590.1	264.03	2868.1	292.36
60	1858.0	17.04	3288.7	335.24	3641.7	371.22	2678.6	273.05	2966.2	302.36

This table is for reference only. Additional sizes available upon request.