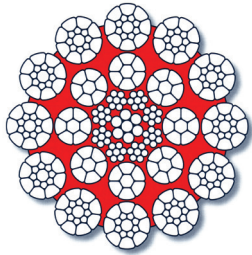


# Douzeplast VM



**Douzeplast VM**

CASAR Douzeplast VM Strength and Weights										
Nominal Diameter mm	Metallic Area mm <sup>2</sup>	Weight kg/m	Aggregate Breaking Force				Minimum Breaking Force			
			1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>		1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
			kN	metric tons	kN	metric tons	kN	metric tons	kN	metric tons
20	206.7	1.84	365.9	37.31	405.2	41.32	303.7	30.97	336.3	34.29
21	227.9	2.03	403.4	41.13	446.7	45.55	334.8	34.14	370.8	37.81
22	250.1	2.23	442.7	45.15	490.2	49.99	367.5	37.47	406.9	41.49
23	273.4	2.43	483.9	49.34	535.8	54.64	401.6	40.95	444.7	45.35
24	297.7	2.65	526.9	53.73	583.4	59.49	437.3	44.59	484.3	49.38
25	323.0	2.88	571.7	58.30	633.1	64.56	474.5	48.39	525.4	53.58
26	349.4	3.11	618.4	63.05	684.7	69.82	513.2	52.34	568.3	57.95
27	376.7	3.35	666.8	68.00	738.4	75.30	553.5	56.44	612.9	62.50
28	405.2	3.61	717.1	73.13	794.1	80.98	595.2	60.70	659.1	67.21
29	434.6	3.87	769.3	78.44	851.9	86.87	638.5	65.11	707.0	72.10
30	465.1	4.14	823.2	83.95	911.6	92.96	683.3	69.68	756.6	77.16
31	496.6	4.42	879.0	89.64	973.4	99.26	729.6	74.40	807.9	82.39
32	529.2	4.71	936.7	95.51	1037.2	105.77	777.4	79.28	860.9	87.79
33	562.8	5.01	996.1	101.58	1103.1	112.48	826.8	84.31	915.5	93.36
34	597.4	5.32	1057.4	107.83	1170.9	119.40	877.7	89.50	971.9	99.10
35	633.1	5.63	1120.5	114.26	1240.8	126.53	930.0	94.84	1029.9	105.02
36	669.8	5.96	1185.5	120.89	1312.7	133.86	983.9	100.33	1089.6	111.11
37	707.5	6.30	1252.3	127.69	1386.7	141.40	1039.4	105.99	1150.9	117.36
38	746.3	6.64	1320.9	134.69	1462.6	149.15	1096.3	111.79	1214.0	123.79
39	786.0	7.00	1391.3	141.87	1540.6	157.10	1154.8	117.75	1278.7	130.39
40	826.9	7.36	1463.6	149.24	1620.7	165.26	1214.8	123.87	1345.1	137.17
41	868.7	7.73	1537.6	156.80	1702.7	173.63	1276.2	130.14	1413.2	144.11
42	921.1	8.11	1630.3	166.25	1805.3	184.09	1371.0	139.80	1500.9	153.05
43	955.6	8.50	1691.3	172.47	1872.9	190.98	1403.8	143.15	1554.5	158.51
44	1000.5	8.91	1770.9	180.58	1961.0	199.97	1469.8	149.88	1627.6	165.97
45	1046.5	9.31	1852.3	188.88	2051.1	209.16	1537.4	156.77	1702.5	173.60
46	1093.5	9.73	1935.6	197.37	2143.3	218.56	1606.5	163.82	1779.0	181.40
47	1141.6	10.16	2020.6	206.05	2237.5	228.16	1677.1	171.02	1857.1	189.38
48	1190.7	10.60	2107.5	214.91	2333.7	237.98	1749.2	178.37	1937.0	197.52
49	1240.8	11.04	2196.2	223.95	2432.0	248.00	1822.9	185.88	2018.6	205.84
50	1292.0	11.50	2286.8	233.19	2532.3	258.22	1898.0	193.55	2101.8	214.32
51	1344.2	11.96	2379.2	242.61	2634.6	268.65	1974.7	201.37	2186.7	222.98
52	1397.4	12.44	2473.4	252.22	2738.9	279.29	2052.9	209.34	2273.3	231.81
53	1451.7	12.92	2569.5	262.01	2845.3	290.14	2132.6	217.47	2361.6	240.81
54	1507.0	13.41	2667.3	271.99	2953.7	301.19	2213.9	225.75	2451.5	249.99
55	1563.3	13.91	2767.0	282.16	3064.1	312.45	2296.6	234.19	2543.2	259.33
56	1620.7	14.42	2868.6	292.51	3176.5	323.91	2380.9	242.79	2636.5	268.85
57	1679.1	14.94	2971.9	303.05	3291.0	335.58	2466.7	251.53	2731.5	278.53
58	1738.5	15.47	3077.1	313.78	3407.4	347.46	2554.0	260.44	2828.2	288.39
59	1799.0	16.01	3184.1	324.69	3525.9	359.55	2642.8	269.49	2926.5	298.42
60	1860.5	16.56	3293.0	335.79	3646.5	371.84	2733.2	278.71	3026.6	308.63
61	1923.0	17.12	3403.7	347.08	3769.0	384.34	2825.1	288.08	3128.3	319.00
62	1986.6	17.68	3516.2	358.55	3893.6	397.04	2918.4	297.60	3231.7	329.54
63	2051.2	18.26	3630.5	370.21	4020.2	409.95	3013.3	307.28	3336.8	340.26
64	2116.8	18.84	3746.7	382.06	4148.9	423.07	3109.8	317.11	3443.6	351.15

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