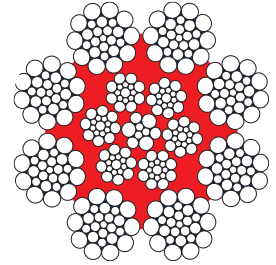


# Stratoplast M



**Stratoplast M**

CASAR Stratoplast M 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	188.0	1.66	332.8	33.93	368.5	37.57	285.8	29.14	316.5	32.27
21	207.3	1.83	366.9	37.41	406.3	41.43	315.1	32.13	348.9	35.58
22	227.5	2.01	402.6	41.06	445.9	45.47	345.8	35.26	382.9	39.05
23	248.6	2.19	440.1	44.88	487.3	49.69	377.9	38.54	418.5	42.68
24	270.7	2.39	479.2	48.86	530.6	54.11	411.5	41.96	455.7	46.47
25	293.8	2.59	519.9	53.02	575.8	58.71	446.5	45.53	494.5	50.42
26	317.7	2.80	562.4	57.35	622.7	63.50	483.0	49.25	534.8	54.53
27	342.6	3.02	606.5	61.84	671.6	68.48	520.8	53.11	576.7	58.81
28	368.5	3.25	652.2	66.51	722.2	73.65	560.1	57.12	620.2	63.25
29	395.3	3.49	699.6	71.34	774.7	79.00	600.8	61.27	665.3	67.85
30	423.0	3.73	748.7	76.35	829.1	84.54	643.0	65.57	712.0	72.61
31	451.7	3.98	799.5	81.52	885.3	90.27	686.6	70.01	760.3	77.53
32	481.3	4.24	851.9	86.87	943.3	96.19	731.6	74.60	810.1	82.61
33	511.8	4.51	905.9	92.38	1003.2	102.30	778.0	79.34	861.5	87.85
34	543.3	4.79	961.7	98.06	1064.9	108.59	825.9	84.22	914.5	93.26
35	575.8	5.08	1019.1	103.92	1128.5	115.07	875.2	89.24	969.1	98.82
36	609.1	5.37	1078.1	109.94	1193.9	121.74	925.9	94.42	1025.3	104.55
37	643.4	5.68	1138.9	116.13	1261.1	128.60	978.1	99.73	1083.1	110.44
38	678.7	5.99	1201.3	122.50	1330.2	135.64	1031.6	105.20	1142.4	116.49
39	714.9	6.31	1265.3	129.03	1401.2	142.88	1086.7	110.81	1203.3	122.70
40	752.0	6.63	1331.0	135.73	1473.9	150.30	1143.1	116.56	1265.8	129.08
41	790.1	6.97	1398.4	142.60	1548.5	157.91	1201.0	122.46	1329.9	135.61
42	829.1	7.31	1467.5	149.64	1625.0	165.70	1260.3	128.51	1395.6	142.31
43	869.0	7.66	1538.2	156.85	1703.3	173.69	1321.0	134.70	1462.8	149.16
44	909.9	8.03	1610.6	164.23	1783.4	181.86	1383.2	141.04	1531.6	156.18
45	951.8	8.39	1684.6	171.78	1865.4	190.22	1446.7	147.53	1602.0	163.36
46	994.5	8.77	1760.3	179.50	1949.3	198.77	1511.8	154.16	1674.0	170.70
47	1038.2	9.16	1837.7	187.39	2034.9	207.51	1578.2	160.93	1747.6	178.21
48	1082.9	9.55	1916.7	195.45	2122.5	216.43	1646.1	167.85	1822.8	185.87
49	1128.5	9.95	1997.4	203.68	2211.8	225.54	1715.4	174.92	1899.5	193.70
50	1175.0	10.36	2079.8	212.08	2303.0	234.84	1786.1	182.13	1977.8	201.68
51	1222.5	10.78	2163.8	220.64	2396.0	244.33	1858.3	189.49	2057.7	209.83
52	1270.9	11.21	2249.5	229.38	2490.9	254.00	1931.8	196.99	2139.2	218.14
53	1320.2	11.64	2336.8	238.29	2587.7	263.87	2006.9	204.64	2222.3	226.61
54	1370.5	12.09	2425.8	247.37	2686.2	273.92	2083.3	212.44	2306.9	235.24
55	1421.8	12.54	2516.5	256.61	2786.6	284.16	2161.2	220.38	2393.2	244.04
56	1473.9	13.00	2608.8	266.03	2888.9	294.59	2240.5	228.47	2481.0	252.99
57	1527.0	13.47	2702.9	275.61	2993.0	305.20	2321.2	236.70	2570.4	262.11
58	1581.1	13.95	2798.5	285.37	3098.9	316.00	2403.4	245.08	2661.4	271.38
59	1636.1	14.43	2895.9	295.29	3206.7	326.99	2487.0	253.60	2753.9	280.82
60	1692.0	14.92	2994.9	305.39	3316.3	338.17	2572.0	262.27	2848.1	290.42
61	1748.9	15.43	3095.5	315.65	3427.8	349.54	2658.4	271.08	2943.8	300.18
62	1806.7	15.94	3197.8	326.09	3541.1	361.09	2746.3	280.04	3041.1	310.11
63	1865.4	16.45	3301.8	336.69	3656.3	372.83	2835.6	289.15	3140.0	320.19
64	1925.1	16.98	3407.5	347.47	3773.2	384.76	2926.3	298.40	3240.5	330.44
65	1985.8	17.51	3514.8	358.41	3892.1	396.88	3018.5	307.80	3342.5	340.84

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