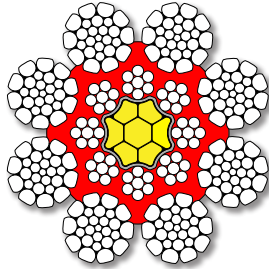


Turbolite M



Turbolite M

CASAR Turbolite M Strength and Weights						
Nominal Diameter mm	Metallic Area mm ²	Weight kg/m	Minimum Breaking Force			
			1770 N/mm ²		1960 N/mm ²	
			kN	metric tons	kN	metric tons
20	191.8	1.67	310.0	31.60	343.2	34.98
21	211.4	1.85	341.7	34.83	378.4	38.57
22	232.0	2.03	375.1	38.24	415.3	42.33
23	253.6	2.21	409.9	41.78	453.9	46.27
24	276.1	2.41	446.4	45.50	494.3	50.39
25	299.6	2.61	484.3	49.37	536.3	54.67
26	324.1	2.83	523.9	53.40	580.1	59.13
27	349.5	3.05	564.9	57.58	625.6	63.77
28	375.8	3.28	607.6	61.94	672.8	68.58
29	403.2	3.52	651.7	66.43	721.7	73.57
30	431.4	3.77	697.4	71.09	772.3	78.73
31	460.7	4.03	744.7	75.91	824.7	84.07
32	490.9	4.29	793.5	80.89	878.7	89.57
33	522.0	4.56	843.9	86.02	934.5	95.26
34	554.2	4.85	895.8	91.31	992.0	101.12
35	587.2	5.13	949.3	96.77	1051.2	107.16
36	621.3	5.43	1004.3	102.38	1112.1	113.36
37	656.3	5.73	1060.9	108.14	1174.8	119.76
38	692.2	6.05	1119.0	114.07	1239.1	126.31
39	729.1	6.37	1178.7	120.15	1305.2	133.05
40	767.0	6.70	1239.9	126.39	1373.0	139.96
41	805.8	7.04	1302.7	132.79	1442.5	147.04
42	845.6	7.38	1367.0	139.35	1513.7	154.30
43	886.4	7.75	1432.9	146.07	1586.7	161.74
44	928.1	8.11	1500.3	152.94	1661.3	169.35
45	970.7	8.48	1569.2	159.96	1737.7	177.14
46	1014.4	8.86	1639.8	167.16	1815.8	185.10
47	1058.9	9.25	1711.8	174.50	1895.6	193.23
48	1104.5	9.65	1785.5	182.01	1977.1	201.54
49	1151.0	10.05	1860.6	189.66	2060.4	210.03
50	1198.4	10.47	1937.3	197.48	2145.3	218.69
51	1246.9	10.89	2015.6	205.46	2232.0	227.52
52	1296.2	11.33	2095.4	213.60	2320.4	236.53
53	1346.6	11.76	2176.8	221.90	2410.5	245.72
54	1397.9	12.21	2259.7	230.35	2502.3	255.08
55	1450.1	12.67	2344.2	238.96	2595.8	264.61
56	1503.3	13.13	2430.2	247.73	2691.1	274.32
57	1557.5	13.61	2517.8	256.66	2788.0	284.20
58	1612.6	14.09	2606.9	265.74	2886.7	294.26
59	1668.7	14.58	2697.6	274.98	2987.1	304.50
60	1725.8	15.08	2789.8	284.38	3089.2	314.90

The values in this chart are estimations and for reference purpose only. Each TURBOLITE design will be custom and associated design values for Metallic Area, Unit Weight, Minimum Breaking Force, and Aggregate Breaking Force will be supplied during the quotation and manufacturing process.