

**M** RECTANGULAR TUBING | GRADE S355MH

Rectangular tubing is a hollow steel section made of mild steel. It is hot-rolled and welded into a rectangular shape.

Rectangular tubes are typically stocked in 6 metre lengths, wall thickness starting from 3mm to 10mm. Tubes are sized by their wall thickness and outside diameter. This material can be galvanised to assist with the prevention of corrosion. All tubing is produced in accordance with SANS 657-1.

**Product application**

S355MH grade tube is typically used for structural purposes such as bridges, box girders, cranes, roof trusses, trailers, towers, tow bars, columns, agriculture equipment, bridges or mine props.

**Mass per metre (kg/m)**

Outer diameter Dimensions	Wall thickness										
	1.6mm	2mm	2.5mm	3mm	3.5mm	4mm	4.5mm	5mm	6mm	8mm	10mm
Grade	CQ	CQ	CQ	S355	S355	S355	S355				
38.0 x 25.0	1.515	1.874	2.312	2.737							
50.0 x 25.0	1.847	2.289	2.83	3.359	3.876	4.391	4.872				
50.0 x 38.0	2.19	2.718	3.366	4.003							
60.0 x 40.0	2.442	3.033	3.761								
63.0 x 38.0	2.466	3.063	3.798	4.52	5.231	5.929	6.614				
76.0 x 38.0	2.817	3.502	4.347	5.179	5.999	6.807	7.602				
76.0 x 50.0	3.094	3.847	4.778	5.697	6.603	7.497	8.379				
100.0 x 50.0		4.587	5.703	6.807	7.898	8.977	10.043	11.098	13.169		
120.0 x 60.0		5.539	6.893	8.234	9.564	10.881	12.185	13.478	16.025		
120.0 x 80.0		6.165	7.676	9.174	10.66	12.133	13.595	15.044	17.904		
127.0 x 76.0		6.264	7.799	9.322	10.833	12.331	13.817	15.29	18.2		
150.0 x 50.0			7.676	9.174	10.66	12.133	13.595	15.044	17.904		
150.0 x 100.0				11.542	13.422	15.29	17.146	18.989	22.639		
160.0 x 80.0				11.053	12.852	14.639	16.413	18.176	21.663		
200.0 x 100.0				13.872	16.141	18.397	20.642	22.874	27.3	36.006	44.514
250.0 x 100.0							23.816	26.4	31.532	41.648	51.567
300.0 x 100.0											57.7