

# Carbon Steel Tubes for Scaffolding

ท่อเหล็กกลม สำหรับงานนั่งร้าน

BS 1139

% Chemical Composition (Max)						Mechanical Properties (Min)		
C	Si	Mn	P	S	N	Yield Strength	Tensile Strength	Elongation (on L <sub>0</sub> = 5.65 √S <sub>0</sub> )
						MPa	MPa	%
0.20	0.30	-	0.05	0.05	0.009	235	340 - 480	24

Outside Diameter	Inside Diameter	Wall Thickness	Weight
mm	mm	mm	kg/m
48.30	40.30	4.00	4.37

Dimension Tolerances	Diameter		Thickness	Weight
	OD 48.3 mm	: ±0.5 mm	-10% , +Not Limit	Single Tube : -8.0% , +12.0%
ID 40.3 mm	: -2.6 mm		Batches of Tube : ±7.5%	