



TECHNICAL DATA OF TUBES CONFORMING TO EN 39

SCOPE : Non-alloy ERW Steel Tubes for use with EN 74 couplers in the construction of falsework and working scaffolds. Tube sizes ranging 27mm, 38mm, 42mm, 63mm are also manufactured for application in scaffoldings.

TOLERANCES :

Type	Size			Outside Diameter (mm)		Thickness (T) (mm)	Weight (Kg/mtr.)	Pcs per Bundle
	DN	Inch	OD (D)	Min	Max			
Type-3	40	1-1/2	48.3	47.8	48.8	3.20	3.56	44
Type-4	40	1-1/2	48.3	47.8	48.8	4.00	4.37	37
			38.1	37.5	38.5	3.20	2.75	80
			38.1	37.5	38.5	4.00	3.36	60
Characteristics		OD	Thickness	Weight	Straightness		Insertion of ID gauge	
Tolerances		+/-0.50mm	-10%	-7.5%	0.002 of Length		37.7mm	
CHEMICAL PROPERTIES (%)						MECHANICAL PROPERTIES (MPa)		
C (Max)	Mn (Max)	P (Max)	S (Max)	Si (Max)	Al (Min)	YS (Min)	TS (Min)	%El (Min)
0.200	1.400	0.040	0.045	0.040	0.020	235	340-520	24

Flattening Test : Flatten upto 75% of tube diameter (Weld at 3 or 9 O'clock position)

Galvanizing : As per EN 10240 B2/ EN ISO 1461

Marking : Each Pipe shall be stencilled as per EN-39 / Client Requirement

Reference to this specification, 27mm, 38mm, 42mm, 63mm OD pipes are also manufactured for scaffoldings

TECHNICAL DATA OF PRE-GALVANIZED PIPES

DN	Size		OD	Outside Diameter (mm)		Thickness (mm)	Pcs per Bundle
	Inch	Inch		Min	Max		
15	1/2		21.3	21.0	21.4	0.90-2.00	160
20	3/4	3/4	26.9	26.4	26.9	0.90-2.00	110
25	1	1	33.7	33.2	33.8	0.90-2.00	80
32	1-1/4	1-1/4	42.4	41.9	42.5	0.90-2.00	61
40	1-1/2		48.3	47.8	48.4	0.90-2.00	51
50	2		60.3	59.6	60.2	0.90-2.00	37

All dimensional tolerances shall be as per Client requirement / Technical specification. Zinc Coating of Galvanized Sheet is as per the standard specification.