UTP PIPE

SAN 657-3

CONVEYOR ROLLER TUBES

Nominal outside diameter (MM)	Actual outside diameter (MM)	Outside diameter(MM)		Inside diameter(MM)		Ovality Max	Wall Thickness	Weight of Tube	
		Max	Min	Max	Min		MM	Kg/Mtr	lb/Ft
101	101.6	101.8	101.4	95.80	95.40	0.4	3	7.29	4.90
127	127	127.2	126.8	119.60	119.20	0.4	3.8	11.55	7.76
152	152.4	152.6	152.2	144.60	144.20	0.4	4	14.64	9.84
165	165.1	165.3	164.8	156.30	155.80	0.5	4.5	17.82	11.98

1)TOLERANCES

a): On Specified OD & ID ±0.2 mm (Ovality 0.4 mm)

b) On wall Thickness - ±0.2 mm

c) Straightness- Shall not exceed 1 in 1000 (measured at the midpoint of the tube)

d) Scarfing- Outer side=0.1 mm Max.,inner scarfing=(-0.35 to -0.10)mm

2) ENDS : Cut cleanly and nominally square with the axis of the tube and free from excessive burrs.

3) PROPERTIES

a) Chemical : % Max.C - 0.25%, S - 0.06%, P - 0.060%,

b) Mechanical:(Min.) UTS - 320 N/mm^2 YS - 230 N/mm^2 & %Elongation - 10%.

4) FLATTENING TEST

a) Weld Position 90°-Flatten until the distance between the two plates is 60% of the actual tube

b) Weld Position 0°-Flatten until the distance between the two plates is 15% of the actual tube OD.

5) FLARE TEST Applying a steadily increasing force until the end of the test piece flares to a diameter 10% ± 1% Larger than the outside diameter of the pipe.

6) MARKING : We can emboss mill sign and Standard " UTP -SANS657-3" online at every one meter interval over the length of pipe.

7) PACKING : Hexagonal

8) MILL TEST CERTIFICATE: We can issue a MTC,Certifying that the tube supplied comply with this standard.