

TECHNICAL SPECIFICATION OF MSRL PIPES, 200 N.B FLANGED END

PIPE: Conforming to: IS 3589; Seamless; Hot Finished, Fe 330/ASTM A106 Grade B

Wall Thickness: 6.4MM

Make : Maharashtra Seamless Tubes, Indian Seamless & Metal Tubes,
Kalyani Seamless, TATA

Party must submit relevant documents regarding purchase of pipes from above manufacturer or authorized dealers along with test certificates.

FLANGE THICKNESS: 16MM DRILLED TO BS 10TABLES "D"

- I. Tolerance in overall length including rubber lining
+0.00mm
-5.00mm
- II. Flanges should be parallel and holes should be collinear.

RUBBER LINING: Confirming to IS 4682

- A. Vulcanizing should be done in autoclave
- B. Joints should be overlap bevel joint
- C. Lining should be done with calendared sheet

PROPERTIES OF RUBBER: SOFT NATURAL RUBBER

- ❖ Rubber lining thickness: 6mm
- ❖ Hardness: A40 $\pm 5^0$
- ❖ Tensile strength: 150 to 180kgf/cm²
- ❖ Elongation: 450% min.
- ❖ Sp. Gr.: 1.1 to 1.2
- ❖ Ash content: 7% Max
- ❖ Resilience: 60 \pm 5%
- ❖ Abrasion resistant: 65mm³ at 10 N as per DIN 53516
- ❖ Adhesion: 3.6kg/cm as per IS 3400 part V

WORKING PRESSURE: 1.3Mpa

PAINTING: Pipes should be painted externally including flanges with one coat of Red oxide zinc chromate primer and two coats of synthetic enamel smoke Gray paint.

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Rajit