

SPECIFICATION OF MSRL PIPES

PIPE: Conforming to IS 1239 Part-1 1973, Medium class both end flanged and flanges drilled to BS10 Table-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: Conforming to IS – 4682

IV> Vulcanising should be done in Autoclave

V> Joints should be overlap bevel joint

VI> Lining should be done with calendered sheet

PROPERTIES OF RUBBER: *SOFT NATURAL RUBBER*

- ✓ Rubber Lining Thickness: - 5 mm.
- ✓ Hardness:- Shore A 40 ± 5^0
- ✓ Tensile strength: -150 to 180 kgf/cm²
- ✓ Elongation:- 450% min.
- ✓ Sp. Gr.: -1.1 to 1.2
- ✓ Ash content: -8 % max.
- ✓ Resilience: - 60 ± 5 %
- ✓ Abrasion Resistance: - 65 mm³ at 10 N as per DIN 53516
- ✓ Adhesion: - 3.6 Kg/ cm as per IS 3400 Part V

TESTING: I> Test reports of above mentioned properties should be submitted at the time of supply.

II> High frequency spark testing should be carried out for checking continuity of lining.

PAINTING: Pipes should be painted externally including flanges with one coat of primer and two coats of Synthetic Enamel *Smoke Grey* paint

INSPECTION: Final inspection will be done at our site

Anjani