



## **GENERAL SPECIFICATION**

#### **PIPE LINES**

Size Available : 25 NB to 300 NB

Spool Length (Max.) : 3000 mm

Type of end Connection : Both sides fixed or one side fixed and one side loose flange

Pipe Specification : Carbon Steel Seamless Pipes Confirming to ASTM A – 106 Gr. B, Sch.40

Lining : PTFE Lined Extruded from Virgin PTFE Granules

Thickness3.5 mm for pipe lines up to 50 NB

4.5 - 5 mm for pipe lines 80 NB up to 200 NB

6 mm for pipes 200 NB up to 300 NB

Lining Tolerance: ± 1.0 mm

Earthing Provision : On request

## PTFE LINED SPACER

Size Available : 25 NB to 300 NB Length of spacer : 25 mm to 60 mm

Spacer Specifications : CS Plate Flanges as per ASTM A- 105

Liner : PTFE conforming to ASTM: D - 1457, Type-III, Class-2 / ASTM: D-4895,

Type-I GR III Class C

Lining : PTFE Lined Extruded from Virgin PTFE Granules

Thickness 3.5 mm for pipe lines up to 50 NB

4.5 - 5 mm for pipe lines 80 NB up to 200 NB

6 mm for pipes 200 NB up to 300 NB

Lining Tolerance: ± 1.0 mm

## PTFE - SOLID TYPE SPACER

Size Available : 25 NB to 300 NB Length of spacer : 05 mm to 25 mm

Spacer Specifications : PTFE – Extruded Bush or Moulded Bush Conforming to ASTM: D-1457

Liner : PTFE conforming to ASTM: D 1457, Type-III, Class-2 / ASTM: D-4895,

Type-I GR III Class C

#### **ELBOW**

Size Available : 25 NB to 300 NB

Standard Degrees : 90 and 45

Type of end Connection : Both sides fixed flanges

Earthing Provision : On request

Material : Formed and Fabricated from CS Seamless pipe ASTM A-106 Gr.B, Sch. 40.

Flanges made from IS 2062 plates and dimensions as per

ANSI B 16.5 Class 150#

Lining : PTFE Lined Extruded from Virgin PTFE Granules

Thickness 3.5 mm for pipe lines up to 50 NB

4.5 - 5 mm for pipe lines 80 NB up to 150 NB

Lining Tolerance: ± 1.0 mm

Moulded FEP/PFA for sizes from 200 NB and above 3-4 mm thick.



# **GENERAL SPECIFICATION**

## **EQUAL AND UN-EQUAL TEE / CROSS**

Size Available : 25 NB to 300 NB
Type of end Connection : Fixed flange
Earthing Provision : On request

Material : Sizes upto 150 NB SG Iron Casting As per IS 1865:1991 Gr. 400/15

and ASTM A-395. 200 NB to 300 NB fabricated from pipe &

flanges from plate

Lining : FEP / PFA Moulded 4 mm thick with a tolerance of ± 1.0 mm

## **CONCENTRIC / ECCENTRIC REDUCER**

Size Available : 25 NB to 300 NB
Type of end Connection : Fixed flange
Earthing Provision : On request

Material : Upto 150 NB reducers SG Iron Casting as per IS

1865 : 1991 Gr. 400/15. 200 NB to 300 NB fabricated from pipe & flanges from IBR plate conforming to IS 2062 and

dimensions as per ANSI B 16.5 CLASS 150#

Lining : FEP / PFA Moulded 4 mm thick with a tolerance of ± 1.0 mm

#### **REDUCING FLANGE**

Size Available : 25 NB to 300 NB Earthing Provision : On request

Material : Upto 150 NB reducing flange SG Iron Casting as per IS

1865 : 1991 Gr. 400/15. 200 NB to 300 NB fabricated from pipe & flanges from IBR plate conforming to IS 2062 and

dimensions as per ANSI B 16.5 CLASS 150#

Lining : FEP / PFA Moulded 4 mm thick with a tolerance of  $\pm$  1.0 mm

## **INSTRUMENT TEE**

Size Available : 25 NB to 300 NB F/F: 51 mm and 40 NB to 200 NB F/F: 76 mm

Earthing Provision : On request

End Connection : Flanges as per ANSI 150#

Material : Upto 150 NB Instrument Tee SG Iron Casting as per IS

1865 : 1991 Gr. 400/15. 200 NB to 300 NB fabricated from pipe & flanges from IBR plate conforming to IS 2062 and

dimensions as per ANSI B 16.5 CLASS 150#

Lining : FEP / PFA Moulded 4 mm thick with a tolerance of ± 1.0 mm

## **BLIND FLANGE**

Size Available : 25 NB to 300 NB Earthing Provision : On request

Material : Upto 150 NB Blind flange SG Iron Casting as per IS 1865:1991 Gr.

400/15. 200 NB to 300 NB fabricated from pipe & flanges from IBR plate conforming to IS 2062 and dimensions as per ANSI B 16.5

**CLASS 150#** 

Lining : FEP / PFA Moulded 4 mm thick with a tolerance of ± 1.0 mm



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## Office & Factory:

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