



# Technocraft Industries (India) Ltd.

## Titeseal Closure Product Data Sheet

### 20 mm Metal Plug Zinc Plated With Various Gaskets

#### General Information

- *Manufactured in compliance with ISO-15750-3*
- *Threads comply with ISO-228*
- *Raw Material : CR Mild Steel*
- *Finish : Zinc Plated with Passivation in Chrome 3 and Chrome 6 per customer request.*

**Closure is available with any of following standard Technocraft gaskets. Special formulations available on request.** (To know about

chemical compatibility for special products [click here](#) or send email or contact postally.)

- *Black Nitrile Gasket : Black Nitrile Rubber (NBR) is resistant to petroleum Oils, Aromatic Hydrocarbons, Mineral Oils, Vegetable Oils and many Acids. Black Nitrile has excellent sealing properties.*
- *White Square / Round EPDM Gasket : EPDM is a multi-purpose sealing material with good and excellent chemical properties. EPDM is FDA compliant. As plug gasket, it is not recommended for application involving petroleum derivatives.*
- *Square PE Gasket : Square PE gasket due to nature of the Polythelene (PE) have limited heat resistance and are subject to "Cold Flow" and as such to loss of compression / closing torque.*
- *Round PE Gasket : Square PE gasket due to nature of the Polythelene (PE) have limited heat resistance and are subject to "Cold Flow" and as such to loss of compression / closing torque.*
- *Square Poly Irradiated gasket : Improved heat resistance due to nature of Polythelene (PE) the washers are subject to "Cold Flow" and as such to loss of compression / closing torque.*
- *Round Poly Irradiated gasket : Improved heat resistance due to nature of Polythelene (PE) the washers are subject to "Cold Flow" and as such to loss of compression / closing torque.*
- *Viton Gasket : Viton is a fluo-elastomer that resists a variety of corrosive fluids at elevated temperature while retaining its mechanical properties.*
- *Teflon Gasket : Although Teflon has excellent chemical resistance. However, its sealing capability is very poor! As such Teflon is not suitable as flange gasket. Due to its poor sealinh properties Teflon is not recommended as plug gasket. Testing under field conditions will be required to determine the appropriate closing torque.*

#### Item Code

(For Chrome 6 Passivation)

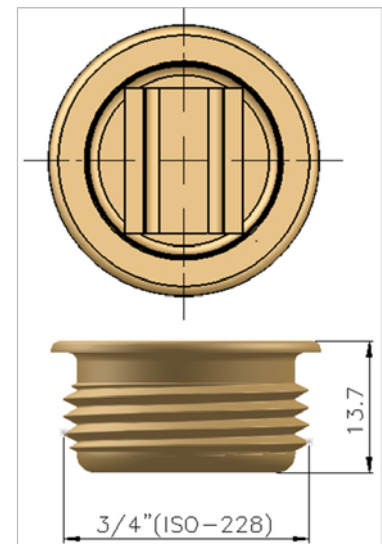
Plugs with

Black Buna	– 3TPB
Square EPDM	– 3TPE
Round EPDM	– 3TPRE
Square PE	– 3TPSP
Round PE	– 3TPRP
Square Poly Irradiated	– 3TPI
Round Poly Irradiated	– 3TPRI
Viton	– 3TPV
Teflon	– 3TPT
Neoprene	– 3TPN

(For Chrome 3 Passivation)

Plugs with

Black Buna	– 3TPB-CR3
Square EPDM	– 3TPE-CR3
Round EPDM	– 3TPRE-CR3
Square PE	– 3TPSP-CR3
Round PE	– 3TPRP-CR3
Square Poly Irradiated	– 3TPI-CR3
Round Poly Irradiated	– 3TPRI-CR3
Viton	– 3TPV-CR3
Teflon	– 3TPT-CR3
Neoprene	– 3TPN-CR3



## Torque and Temperature Information

Gasket	Temp. (Max)	Oven Time (Max)	20mm (3/4") #
Black Nitrile (Black Buna) for Flange & Bung	220 <sup>0</sup> C	15 mins.	8 – 15 ft.lbs 11 – 20 Nm
White Buna for Flange & Bung	180 <sup>0</sup> C	20 mins.	8 – 15 ft.lbs 11 – 20 Nm
White EPDM for Flange & Bung	205 <sup>0</sup> C	20 mins.	8 – 15 ft.lbs 11 – 20 Nm
Black EPDM for Flange & Bung	180 <sup>0</sup> C	20 mins.	8 – 15 ft.lbs 11 – 20 Nm
Polyethylene Round Cross Section Square Cross Section for Bung	N.A	N.A	8 – 15 ft.lbs 11 – 20 Nm
Irradiated Polyethylene Square Cross Section for Bung	250 <sup>0</sup> C	20 mins.	8 – 15 ft.lbs 11 – 20 Nm
Viton for Flange & Bung	230 <sup>0</sup> C	15 mins.	8 – 15 ft.lbs 11 – 20 Nm
Teflon for Flange & Bung	107 <sup>0</sup> C	15 mins.	10 – 15 ft.lbs 14 – 20 Nm

# Minimum values are meant for Drum Maker and Maximum for Drum Filler

### Standard Packing

Item	Box Quantity	Box Size (mm)	Pallet Quantity	Pallet Size (inch)
20mm Plug	1000	350 x 350 x 100	72000	44" x 44"

- Boxes are marked with item code.
- Pallets are stretch wrapped.
- Optional Special packaging as per customer's requirement.

- More information can be availed by [clicking here](#) or by contacting our head quarters as per details on our web page.
- The raw material used confirms to the standard for Restriction Of hazardous Materials.