

# Techtrol Full ViewSight Glass - TSG

It is used for full view of liquid, flowing through vertical pipelines. It can be used for horizontal pipelines also, provided no mechanical strain is imposed on the glass.

## **Salient Features**

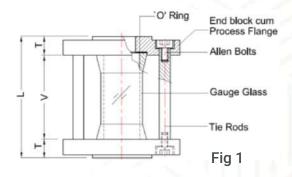
- 360 all round clear visual indication
- High quality design with rugged construction
- Simple & easy to install
- PP construction for corrosive applications
- Non-standard lengths available on request

### Construction Fig 1

It consists of a tempered heavy walled borosilicate gauge glass with flared ends, held between two end blocks through bolted tie rods. The gauge glass is fitted with silicon 'o' ring packings to provide leak proof joint.



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## **Specifications**

Gauge Glass : Tempered Borosilicate
End Block (Flange) : PP/CS/SS304 or SS316

MOC

Packing MOC : Silicon or expanded ptfe 'o' ring

Tie Rod MOC : CS/SS304 or SS316

Process flange : 25, 40, 50, 65, 80 or 100NB ANSI 150#



Length (L) : 175

Visibility (V) : 145 (25NB Pipe/flange size)

: 140 (40 to 100NB Pipe/ flange size)

Max. Temperature : 70 C (PP)/ 150 C (Metallic)

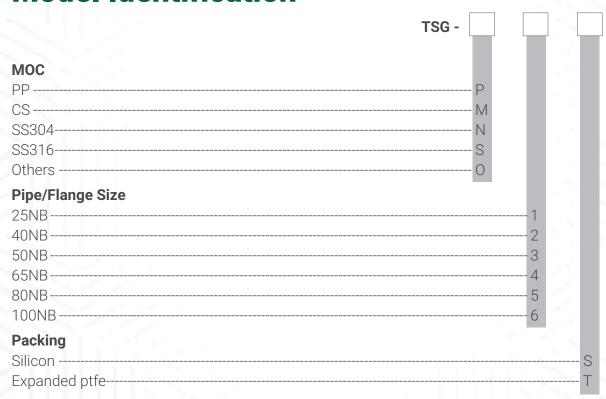
Max. Hydro Pressure : 3 Kg/cm2 (PP), 10 Kg/cm2 (Metallic)

(PP end blocks are provided with SS304 tie rods)

#### Service

Water, condensate, coolant, diesel, solvents, chemicals, lube oil, alcohol.

#### **Model Identification**



# **Ordering Information**

Specify Model No. x Process liquid x Viscosity x Optg. Temp.

All dimensions in mm except specified

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