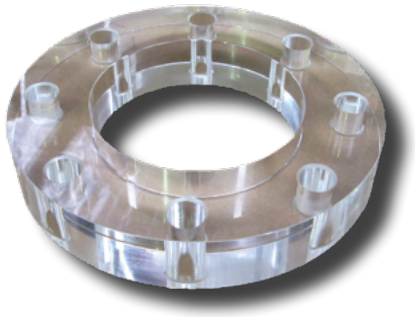
Sightglass for Flanges

Flanges provide the ability to make a removable connection between two points.

Sightglass flanges bolt directly behind an outlet adaptor and provide the ability to view product in piping to ensure if a compartment/tanker has product present or if it has been drained.



Key Features

- Cast Acrylic design that provides superior optical clarity.
- Annealed for improved performance with aggressive fuel additives.
- Sightglass fits between two flanges of the same specification.
- TTMA or ASME flange options available.
- Full face Viton gaskets available and recommended.
- Sightglasses are date stamped to assist with planned maintenance.
- Specially designed to last in fuels for extended durations without cracking or crazing.
- Suitable for all common fuel grades including diesel, unleaded, jet and ethanol blends.

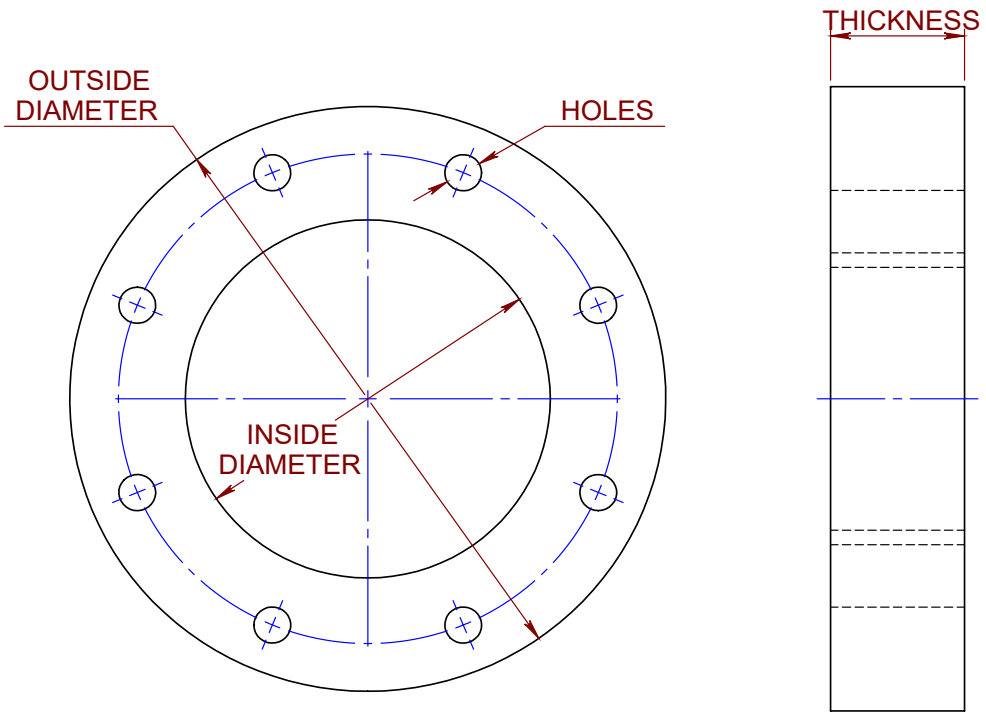
Ordering Information

API-SG-150	Sightglass 4” ASME flange (ASA150 - 40mm thick)
BF3-SG	Sightglass Flange 3” TTMA to suit LBV3-V Butterfly Valve
BF4-SG-25	Sightglass 100MM TTMA 25mm thick Acrylic Flange
BF4-SG-40	Sightglass 100MM TTMA 40mm thick Acrylic Flange
BF4-SG-25Z	BF4-SG-25 comes with 4” NBR Cork TTMA gasket.
BF4-SG-25VZ	BF4-SG-25 comes with 4” Viton™ A TTMA gasket.
BF4-SG-40Z	BF4-SG-40 comes with 4” NBR Cork TTMA gasket.
BF4-SG-40VZ	BF4-SG-40 comes with 4” Viton™ A TTMA gasket.

Specifications

Weight	1.2kg – API-SG-150 0.69kg – BF4-SG-40 0.44kg – BF4-SG-25 0.3kg – BF3-SG
Technical Data	Do not use with solvents – see compatibility list following Design pressure – 1,000kPa Working temperature -50°C to +80°C Mounting bolts of adequate length tightened to a torque of 20Nm - Tighten up evenly in a criss-cross manner. Install with full face gaskets on both sides. Do not flame polish.
Associated Equipment	4” ANSI 125 flanges (must have flat face) 4” TTMA flanges BF4 and BF4-1 3” TTMA flanges BF3 and BF3-1 0657V Viton A gasket for 4” TTMA 0656V Viton A gasket for 3” TTMA 0657 NBR Cork Gasket for 4” TTMA 0656 NBR Cork Gasket for 3” TTMA

SIGHTGLASS FOR FLANGES



Size	Part No	Outside Diameter	Inside Diameter	Thickness	Holes
4" ANSI125	API-SG-150	228	130	37 - 41	8 x Ø19 on 190 PCD
4" TTMA	BF4-SG-25	178	109	21 - 25	8 x Ø11 on 149.2 PCD
4" TTMA	BF4-SG-40	178	109	37 - 41	8 x Ø11 on 149.2 PCD
3" TTMA	BF3-SG	146	86	21 - 25	8 x Ø11 on 124 PCD

NOTES:

1. MATERIAL IS CAST ACRYLIC.
2. MOUNTING FLANGES TO BE FLAT TO WITHIN 1mm.
3. VITON (OR SIMILAR HARDNESS) GASKETS TO BE USED.
4. TIGHTEN MOUNTING BOLTS TO A TORQUE OF 20Nm.
5. ALL MEASUREMENTS IN mm.

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PART OF OPW a DOVER company
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Issue: F

Non Compatible – Not Recommended

Acetic Acid 50%
Acetic Acid, Glacial
Acetic Anhydride
Acetone
Acetonitrile
Acrylonitrile
Allyl Alcohol
n-Amyl Acetate
Aniline
Aqua regia
Benzaldehyde
Benzene
Benzyl Acetate
Benzyl Alcohol
Bromine
Bromobenzene
Bromoform
n-Butyl Acetate
n-Butyl Alcohol
i-Butyl Alcohol
t-Butyl Alcohol
Calcium Hypochlorite, saturated
Cellosolve Acetate
Carbazole
Carbon Disulfide
Carbon Tetrachloride
Cedarwood Oil
Chloroacetic Acid
p-Chloracetophenone
Chlorobenzene
Chloroform
Chromic Acid 50%
Cinnamon Oil
Cresol
Cyclohexane
Cyclohexanone
Decalin
n-decane
o-Dichlorobenzene
p-Dichlorobenzene
Diethyl Ether
Diethyl Ketone
Malonate
Dimethyl Formamide
Sulfoxide
1, 4-dioxane
Diacetone alcohol
1, 2-dichloroethane
2, 4-dichlorophenol
Dioxane
Dibutyl phthalate
Dioctyl phthalate
Ether
Ethyl Acetate
Ethyl Benzene
Ethyl Benzoate
Ethyl Butyrate
Ethyl Chloride liquid
Ethyl Cyanoacetate
Ethyl Lactate
Ethylene Chloride
Fluorides
Fluorine
Formic Acid, 98%-100%
Acetic Acid, Glacial
Hydrochloric Acid, 48%
Hydrogen Peroxide, 90%
Hydrazine
Iodine Crystals
Isobutyl Alcohol
Isopropyl Benzene
Isopropyl Ether
Lacquer Thinner
Methyl Alcohol
Methyl Ethyl Ketone
Methyl Isobutyl Ketone
Methyl Propyl Ketone
Methylene Chloride
2-Methoxyethanol
Methyl Acetate
Mineral Spirits
Nitric Acid 70%
Nitrobenzene
Nitromethane
Perchloric Acid
Perchloroethylene
Phenol, Crystals
Phenol, Liquid
Phosphoric Acid, 85%
Piric Acid
Propionic Acid
Propylene Oxide
Resorcinol, saturated
Salicylic Acid, Powder
Salicylic Acid, saturated
Sulfur Dioxide, Wet or Dry
Sulfuric Acid, 98%
Tetrahydrofuran
Thionyl Chloride
Toluene
Tributyl Citrate
Trichloroethane
Trichloroethylene
Trichloroacetic Acid
1,2,4 Trichlorobenzene
Turpentine
Undecyl Alcohol
Vinylidene Chloride
Xylene