



POLYORIFICE PLATES™

FLOW SMART UTILIZES OUR SOPHISTICATED
POLYMER TECHNOLOGY TO MANUFACTURE
OUR LINE OF SANITARY ORIFICE PLATES.



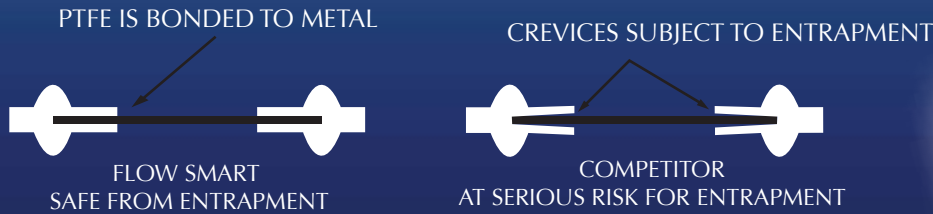


FlowSmart brings you Innovations that are essential for Orifice Plate gasket needs combined with our pedigree of polymers bonded to plates with 10 ra or better finishes. With the advent of the RIGHT ANGLE TAB Gasket and PTFE ORIFICE PLATE Gaskets that are actually bonded to the metal meet processing needs like never before.

LEARN THE FACTS THAT ARE IMPORTANT

in bonded PTFE and PolySteel Orifice Plates Only FlowSmart bonds our PTFE and Stainless Filled PTFE "PolySteel" to the Stainless Steel Plates. The other brand traps the plate between the gasket, which creates a cavity at the PTFE to metal contact surface. FlowSmart has developed an innovative process to actually bond to the plate.

See the illustration below:



RIGHT ANGLE TAB ORIFICE PLATES

no special clamp required!

The exclusive RIGHT ANGLE TAB GASKET design from FlowSmart allows users to know where an orifice plate is in a line and information can be etched on the tab. All of these benefits are achieved without the need for an expensive slotted clamp. The Right Angle Tabbed Orifice Plate gasket works with standard clamps.

FlowSmart Orifice Plate Gaskets are manufactured to higher standards. We start with a 10ra plate finish and we bond our pedigree of USP Class VI tested compounds.

FlowSmart Orifice Plates offer a variety of Flow Control Solutions

Orifice Plate gaskets can be bought with a Right Angle or Straight Tab or with a round plate. Holes can be included eccentric or concentric for free draining in horizontal pipelines. All FlowSmart high quality elastomers are available including PTFE and Stainless Filled PTFE materials that are bonded to the stainless steel plate.



Tabbed Platinum Silicone Orifice Plate 1

Options:

- Materials include EPDM, Viton, Platinum Cured Silicone, PTFE, TFM, PolySteel (316L Stainless Steel and PTFE) and PolyDetect elastomers.
- Sizes are available from 1/2" to 8".
- Can be supplied blank (with no hole), a hole in the center, an eccentric hole.
- Tabs can be engraved with information



PolySteel Orifice Plate 1



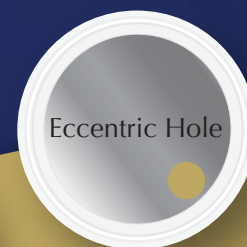
Viton GF-600S



PolySteel



No Eccentric Hole



Eccentric Hole



EPDM

**Follow Codes Below For Part Numbers:
ORIFICE PLATE GASKET PART NUMBERS**

Orifice Plate Gaskets start with "A80MP"

| Orifice Plate Designation | Material Codes | Gasket Sizes | Hole Sizes |
|---------------------------|------------------------|--------------|------------|
| A80 | G-PS PolySteel | 050 1/2" | /006 1/16" |
| A 80 | G Teflon | 075 3/4" | /009 3/32" |
| A80 | E EPDM | 100 1" | /012 1/8" |
| A80 | V Viton A | 150 1.5" | /015 5/32" |
| A80 | VGF Viton GF-600S | 200 2" | /018 3/16" |
| A80 | RXPX Platinum Silicone | 250 2.5" | /021 7/32" |
| | | 300 3" | /025 1/4" |
| | | 400 4" | /031 5/16" |
| | | 600 6" | /037 3/8" |
| | | 800 8" | /043 7/16" |
| | | | /050 1/2" |

Examples:

Part Number

Description

- A80G-PS-050  1/2" PolySteel Orifice Plate Gasket with a 1/8" Hole
- A80MPE-150  1.5" EPDM Orifice Plate Gasket Blank
- A80MPV-200  2" Viton Orifice Plate Gasket with a 1/16" Hole

All PolyOrifice Gaskets™ meet the toughest high standards:

- Full traceability of American manufactured materials.
- Final article testing United States Pharmacopeia Class VI <87> and <88>.
- Made to ASME BPE standards.
- 3A Sanitary tested and audited.
- Animal Derived Ingredient Free to ensure products that are safe from BSE.

FLOW SMART INC.
103 Davis Drive. Seaford, DE 19973
phone: 302 - 536 - 6388 fax: 302 - 628 - 9032
email: solutions@flowsmartinc.com
www.flowsmartinc.com

