

Rubber Fab's

CONCENTRIC AND ECCENTRIC ORIFICE PLATES



Rubber Fab

a Garlock Hygienic Technologies company

Presenting Rubber Fab's Flow Reducing Orifice Plate Solution

There's a new standard in orifice plate design. Offered in a **concentric or eccentric self draining configuration**, the Rubber Fab Orifice Plate prevents dead legs, maintains flow while assuring self drainage thereby eliminating the potential for soil retention.

- Sizes available: Mini to 6"
- Most standard drilled bore sizes available
- Available in FKM Fluoroelastomer, Platinum Silicone, EPDM, Buna, PTFE and Tuf-Steel®
- Self draining
- Flow reducer
- Balance backpressure
- Blank plates are standard
- All Buna stocked with 1/8" hole
- Available with or without tab
- Engraved tabs
- Standard 20RA or better
- Electropolish finish available 15RA or better
- Custom cut pattern also available
- Metal Detectable Elastomers available

Meets High Pharmaceutical Standards

- U.S. Pharmacopeia Class VI Certification
- Cytotoxicity Criteria
- Title 21 CFR 177.2600
- Title 21 CFR 177.1550
- USDA and 3-A Sanitary Standards
- Current Good Manufacturing Practices (CGMP)
- ASME-BPE Standards
- Animal Derived Ingredient Free*

® Torque-Rite, Tuf-Steel and ADI Free are registered trademarks of Rubber Fab.

Torque-Rite United States Patent Number 6,082,941.

Metal Detectable United States Patent Number 7,390,580.

* Buna is not an ADI Free elastomer.



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Rubber Fab's Unique Orifice Plate Program

Our innovative Orifice Plate line includes a complete selection from 1/2" through 6" size range in both **concentric and eccentric drilled plates as well as a solid plate design! Tabbed Orifice Plates** and clamps are available in 1/2" – 6". Tabs help to acknowledge that an orifice plate is "in the line" and are engraved to indicate the hole diameter. **A major safety consideration!** Rubber Fab's Orifice Plates can **advance your system's performance, adjust flow rates, balance backflow and equalize backpressure** during SIP procedures. Achievable benefits while maintaining sanitary conditions.



Materials Available

Rubber Fab manufactures all models of our Orifice Plates in the following elastomers:

- FKM Fluoroelastomer
- Platinum Silicone
- EPDM
- Buna
- PTFE (fluoropolymer)
- Tuf-Steel®

All Orifice Plates are manufactured from 316L stainless steel and are available in electropolish construction.

Rubber Fab is a member of:



Distributed by:

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Orifice Plate Gaskets

Rubber Fab's Orifice Plates can advance your system's performance, adjust flow rates, balance backflow and equalize backpressure during SIP procedures. Achievable benefits while maintaining sanitary conditions. Available with eccentric or concentric standard or metric bores. Consult factory for bore size availability and cost. Buna is standard with 1/8" concentric bore.

Buna Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1"	A80MPU-100
1-1/2"	A80MPU-150
2"	A80MPU-200
2-1/2"	A80MPU-250
3"	A80MPU-300
4"	A80MPU-400
6"	A80MPU-600

EPDM Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1/2"	A80MPE-050
3/4"	A80MPE-075
1"	A80MPE-100
1-1/2"	A80MPE-150
2"	A80MPE-200
2-1/2"	A80MPE-250
3"	A80MPE-300
4"	A80MPE-400
6"	A80MPE-600

FKM Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1/2"	A80MPSFY-050
3/4"	A80MPSFY-075
1"	A80MPSFY-100
1-1/2"	A80MPSFY-150
2"	A80MPSFY-200
2-1/2"	A80MPSFY-250
3"	A80MPSFY-300
4"	A80MPSFY-400
6"	A80MPSFY-600

Silicone Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1/2"	A80RXPX-050
3/4"	A80RXPX-075
1"	A80RXPX-100
1-1/2"	A80RXPX-150
2"	A80RXPX-200
2-1/2"	A80RXPX-250
3"	A80RXPX-300
4"	A80RXPX-400
6"	A80RXPX-600

PTFE Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1/2"	A80MPG-050-SS
3/4"	A80MPG-075-SS
1"	A80MPG-100-SS
1-1/2"	A80MPG-150-SS
2"	A80MPG-200-SS
2-1/2"	A80MPG-250-SS
3"	A80MPG-300-SS
4"	A80MPG-400-SS
6"	A80MPG-600-SS

Tuf-Steel® Gasket With Stainless Steel Plate

SIZE	PART NUMBER
1/2"	A80MPG-TS-050-SS
3/4"	A80MPG-TS-075-SS
1"	A80MPG-TS-100-SS
1-1/2"	A80MPG-TS-150-SS
2"	A80MPG-TS-200-SS
2-1/2"	A80MPG-TS-250-SS
3"	A80MPG-TS-300-SS
4"	A80MPG-TS-400-SS
6"	A80MPG-TS-600-SS



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Tabbed Orifice Plates

EPDM

SIZE	PART NUMBER	COLOR
1/2"	A80MPE-050-TAB	Black
3/4"	A80MPE-075-TAB	Black
1"	A80MPE-100-TAB	Black
1 1/2"	A80MPE-150-TAB	Black
2"	A80MPE-200-TAB	Black
2 1/2"	A80MPE-250-TAB	Black
3"	A80MPE-300-TAB	Black
4"	A80MPE-400-TAB	Black

FKM

SIZE	PART NUMBER	COLOR
1/2"	A80MPSFY-050-TAB	Black
3/4"	A80MPSFY-075-TAB	Black
1"	A80MPSFY-100-TAB	Black
1 1/2"	A80MPSFY-150-TAB	Black
2"	A80MPSFY-200-TAB	Black
2 1/2"	A80MPSFY-250-TAB	Black
3"	A80MPSFY-300-TAB	Black
4"	A80MPSFY-400-TAB	Black

Silicone

SIZE	PART NUMBER	COLOR
1/2"	A80RXPX-050-TAB	Clear
3/4"	A80RXPX-075-TAB	Clear
1"	A80RXPX-100-TAB	Clear
1 1/2"	A80RXPX-150-TAB	Clear
2"	A80RXPX-200-TAB	Clear
2 1/2"	A80RXPX-250-TAB	Clear
3"	A80RXPX-300-TAB	Clear
4"	A80RXPX-400-TAB	Clear

PTFE

SIZE	PART NUMBER	COLOR
1/2"	A80MPG-050-SS-TAB	White
3/4"	A80MPG-075-SS-TAB	White
1"	A80MPG-100-SS-TAB	White
1 1/2"	A80MPG-150-SS-TAB	White
2"	A80MPG-200-SS-TAB	White
2 1/2"	A80MPG-250-SS-TAB	White
3"	A80MPG-300-SS-TAB	White
4"	A80MPG-400-SS-TAB	White

Tuf-Steel®

SIZE	PART NUMBER	COLOR
1/2"	A80MPG-TS-050-SS-TAB	Gray
3/4"	A80MPG-TS-075-SS-TAB	Gray
1"	A80MPG-TS-100-SS-TAB	Gray
1 1/2"	A80MPG-TS-150-SS-TAB	Gray
2"	A80MPG-TS-200-SS-TAB	Gray
2 1/2"	A80MPG-TS-250-SS-TAB	Gray
3"	A80MPG-TS-300-SS-TAB	Gray
4"	A80MPG-TS-400-SS-TAB	Gray

Electro-polishing is available as is etching on the tab. Consult factory for more information.

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Vertical Orifice Plate Part Numbering Scheme

Available with:

- Removable Elastomeric Gasket
- Electropolished Plates
(Add EP to the end of the part number)
- Standard or metric bore sizes. Consult factory for cost.



EPDM Gasket with Stainless Plate

SIZE	PART NUMBER
1/2"	A80MPE-050-VER
3/4"	A80MPE-075-VER
1"	A80MPE-100-VER
1-1/2"	A80MPE-150-VER
2"	A80MPE-200-VER
2-1/2"	A80MPE-250-VER
3"	A80MPE-300-VER
4"	A80MPE-400-VER
6"	A80MPE-600-VER

FKM Gasket with Stainless Plate

SIZE	PART NUMBER
1/2"	A80MPSFY-050-VER
3/4"	A80MPSFY-075-VER
1"	A80MPSFY-100-VER
1-1/2"	A80MPSFY-150-VER
2"	A80MPSFY-200-VER
2-1/2"	A80MPSFY-250-VER
3"	A80MPSFY-300-VER
4"	A80MPSFY-400-VER
6"	A80MPSFY-600-VER

Silicone Gasket with Stainless Plate

SIZE	PART NUMBER
1/2"	A80RXPX-050-VER
3/4"	A80RXPX-075-VER
1"	A80RXPX-100-VER
1-1/2"	A80RXPX-150-VER
2"	A80RXPX-200-VER
2-1/2"	A80RXPX-250-VER
3"	A80RXPX-300-VER
4"	A80RXPX-400-VER
6"	A80RXPX-600-VER

Tuf-Steel® Gasket

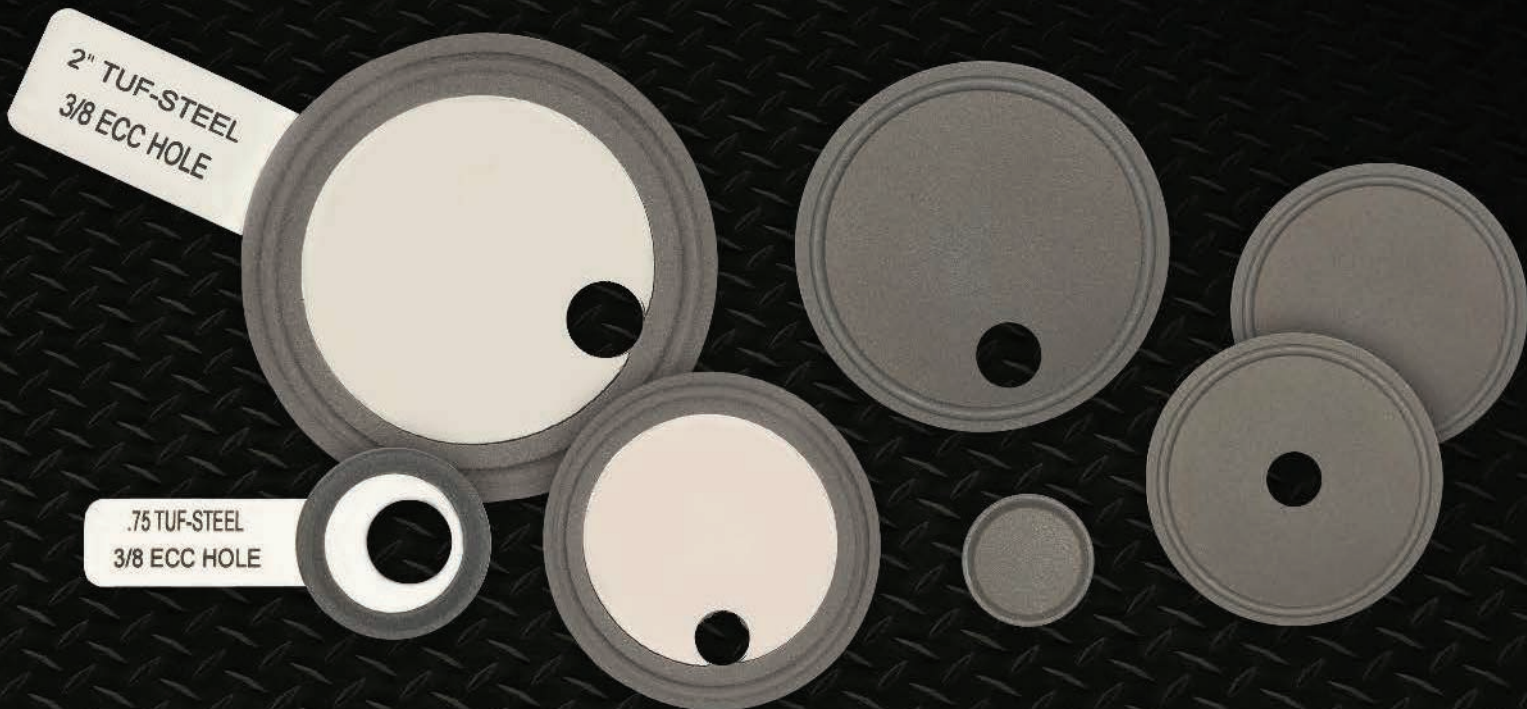
SIZE	PART NUMBER
1/2"	A80MPG-TS-050-SS-VER
3/4"	A80MPG-TS-075-SS-VER
1"	A80MPG-TS-100-SS-VER
1-1/2"	A80MPG-TS-150-SS-VER
2"	A80MPG-TS-200-SS-VER

*Tuf-Steel® is not removable



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TUF-STEEL® TRI-CLAMP® ORIFICE PLATE GASKETS (SOLID & TUF-STEEL®/316 STAINLESS STEEL)

Size in inches	Orifice Plates-Solid Tuf-Steel®
1/2 & 3/4"	A80MPG-TS-050/075
1 & 1-1/2"	A80MPG-TS-100/150
2"	A80MPG-TS-200
2-1/2"	A80MPG-TS-250
3"	A80MPG-TS-300
4"	A80MPG-TS-400
*5" - 12" please consult factory	

Rubber Fab's innovative Tuf-Steel® Orifice Plate line includes a complete selection of Tuf-Steel®/316 Stainless Steel Orifice Plate gaskets in standard or tabbed style that can be custom drilled with an eccentric or concentric bore. Orifice Plate Tabs help to acknowledge that an orifice plate is "in line" and can be laser engraved to indicate the hole diameter, gasket size or user specified information. Orifice plates can advance your system's performance, adjust flow rates, balance backflow and equalize back pressure during SIP procedures.

AVAILABLE SIZES: 1/2" – 6"

Size in inches	Orifice Plates-Tuf-Steel® /SS
1/2"	A80MPG-TS-050-SS
3/4"	A80MPG-TS-075-SS
1"	A80MPG-TS-100-SS
1-1/2"	A80MPG-TS-150-SS
2"	A80MPG-TS-200-SS
2-1/2"	A80MPG-TS-250-SS
3"	A80MPG-TS-300-SS
4"	A80MPG-TS-400-SS
6"	A80MPG-TS-600-SS

* Add -TAB to end of part number for Tabbed Orifice Plate

LASER ENGRAVED GASKETS

Laser engraved gaskets insure process line identification and provide complete lot and batch traceability!

AVAILABLE SIZES: 1/2" – 12"

