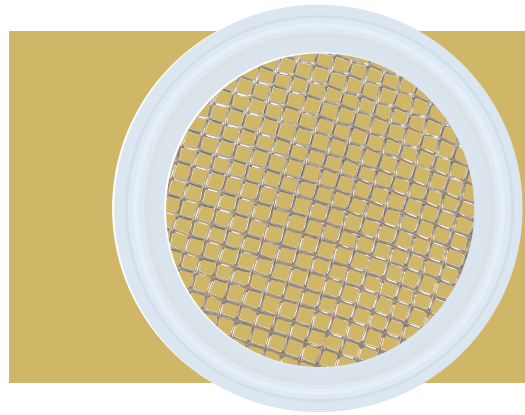


GASKET MATERIALS

a wide array of materials and designs to ensure that your process is safe from particulates. We are capable of designing to meet your needs based on standard or unique process applications. Our specialty designs have been produced as Screens, Socks, Sintered Metal, Perforated Plates and Sintered Metal Screens. Products are available bonded or with removable gaskets.

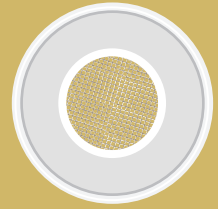
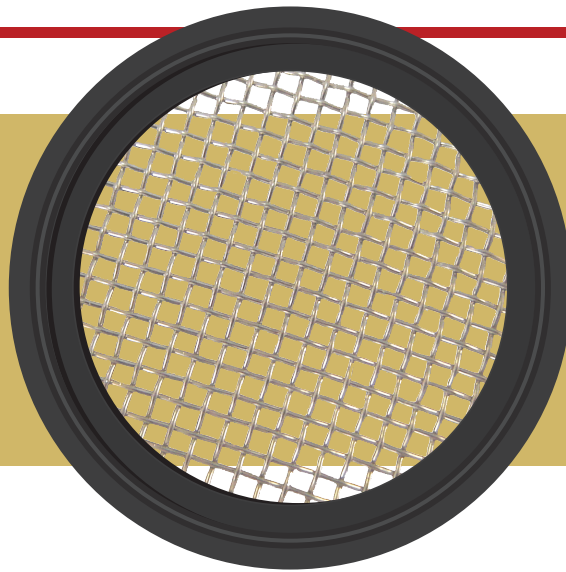
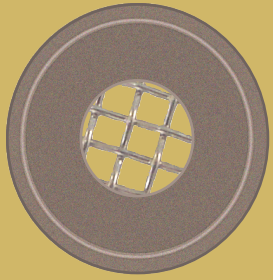
SOCK OPTIONS

Flow Smart can supply an unlimited variety of Sock Gasket designs. We have standard Tri-Clamp gaskets in 1" thru 6" sizes as well as custom geometries including stoppers for drains. Standard Screen Sock lengths range from 1" long to 6" long. We can customize up to several feet long.



PolySteel (PTFE with 316L Stainless Steel), PTFE, Platinum Cured Silicone, EPDM, Viton and Buna are standard. Call for optional materials such as Aflas and Perfluoroelastomers.

AVAILABLE

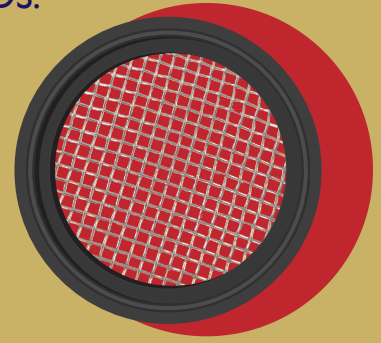


Screen Options Available:

- Screens and Perforated Plates, 1/2" through 6". Socks with 1" through 4" Gasket sizes in short length (1" long) or long length (6" long).
- Custom lengths are available to as long as 60".
- 316L Stainless Steel screen material standard, hastalloy and other materials available upon request.
- Mesh sizes from 4 to 325 using standard available wire sizes for screens.
- Socks meshes are available from 10 to 100 mesh. Standard Screens and Perforated Plate sizes

SCREEN GASKET PROGRAMS THAT MEET THE HIGHEST STANDARDS:

- US Pharmacopeia Class VI Tested and certified.
- USDA and 3A.
- Title 21 CFR, FDA compliance.
- Made to ASME-BPE standards.
- Manufactured to Current Good Manufacturing Practices



Screen Gaskets . . . TO MEET YOUR NEEDS

MATERIALS	PART NUMBER	SIZES	MESHES
PTFE	40MPGS	1/2" - 12"	4 thru 325
POLYSTEEL	40MPG-PSS	1/2" - 12"	4 thru 325
PLATINUM SILICONE	40RXPXS	1/2" - 6"	4 thru 325
EPDM	40MPES	1/2" - 6"	4 thru 325
VITON	40MPSFY	1/2" - 6"	4 thru 325
BUNA	40MPUS	1/2" - 6"	4 thru 325

To complete part numbers add gasket size and mesh.

Part Number Examples:

2" Platinum Silicone 100 mesh would be: 40RXPXS-200/100

2" Teflon 30 mesh would be: 40MPGS-200/30

Screen Specifications

Mesh (Wires/Inch)	Micron Retention	Opening (Inches)
4	5156	0.203
6	3340	0.11
8	2464	0.097
10	1905	0.075
12	1532	0.0603
16	1130	0.0445
18	1081	0.0426
20	864	0.034
24	703	0.0277
30	516	0.0203
40	381	0.015
50	318	0.0125
60	233	0.0092
80	140	0.0055
100	140	0.0055
120	118	0.0046
150	103	0.0041
180	83	0.0033
200x200*	74	0.0029
250x250	61	0.0024
325x325	40	0.0017
Smart Micron 35	35	
Smart Micron 30	30	
Smart Micron 25	25	
Smart Micron 10	10	

Call Us To Learn About
Smart Mesh With The
Finest Micron
Retention Available