

NEWMAN

SANITARY GASKET COMPANY

Products of integrity...from people of integrity.

SCREEN GASKETS & ORIFICE PLATES



www.newmangasket.com

SCREEN

HIGHLY EFFICIENT SCREEN GASKETS

Newman products are formulated only from compounds developed specifically for the processing industry. Our products are affected less by caustics, chlorine and acid cleaners. You eliminate loss of products and improve your quality control. Newman's complete line of standard style and standard size products are readily available.

Standard Clamp Style Screen Gaskets Bonded or Removable

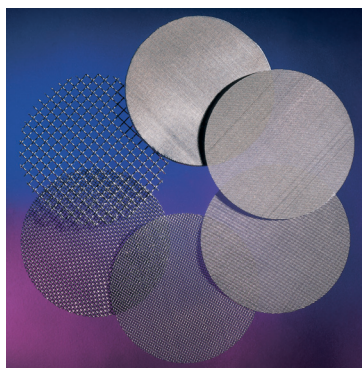
Made of FDA quality Buna-N, EPDM, Viton® or Silicone bonded to 316 stainless steel. These screen gaskets are available in either woven wire mesh or perforated disc in sizes one inch to six inch. Every pump, spray ball or piece of equipment

that is crucial to your keeping on stream should have a screen gasket in front of it to keep foreign particles out.

Specifications:

Standard #10 Wire Mesh: Type 316 stainless steel; .025 dia. wire; width of opening .075 inch between wires; O/A 56.8%; 100 openings per square inch. *Other screen mesh sizes available, see chart below.*

Standard #33 Perforated Disc: Type 316 stainless steel; .033" dia. straight line centers; 324 holes per square inch; 28% O/A. *Other size perforated discs are available, see chart below.*



SQUARE MESH WIRE CLOTH INFORMATION

PERFORATED METAL INFORMATION

	Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Openings Square Inch	Hole Diameter	Open Area	Micron Equivalent
4	4	5411	.035	.215	16	.020"	30%	503
8	6	3221	.035	.132	36	*.033"	28%	803
	8	2441	.028	.097	64	.063"	23%	1573
	9	2089	.028	.083	81	.100"	33%	2517
	*10	1887	.025	.075	100	.125"	40%	3146
	12	1510	.023	.06	144	.250"	58%	6350
10	**14	1283	.02	.051	196			
	***16	1082	.018	.0455	256			
	20	855	.016	.034	400			
	30	427	.0113	.017	900			
	35	422	.012	.0168	1275			
14	40	377	.01	.015	1600			
	50	276	.009	.011	2500			
	60	226	.0075	.009	3600			
	80	176	.0055	.007	6400			
	****100	151	.0045	.006	10,000			
	****120	120	.0035	.0048	14,400			
20	****150	103	.0026	.0041	22,500			
	****200	73	.0021	.0029	40,000			

* Standard size for clamp style

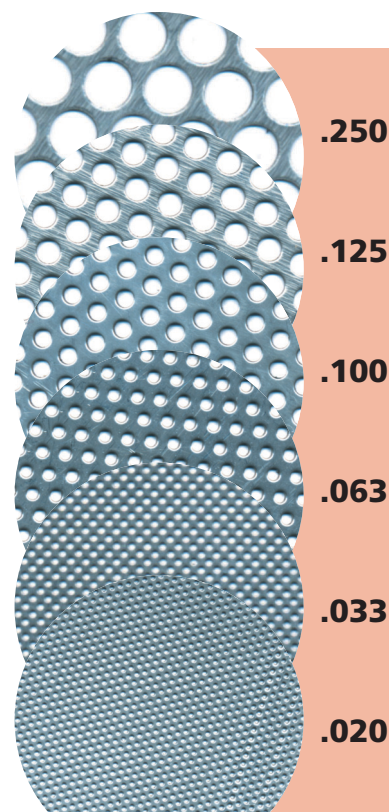
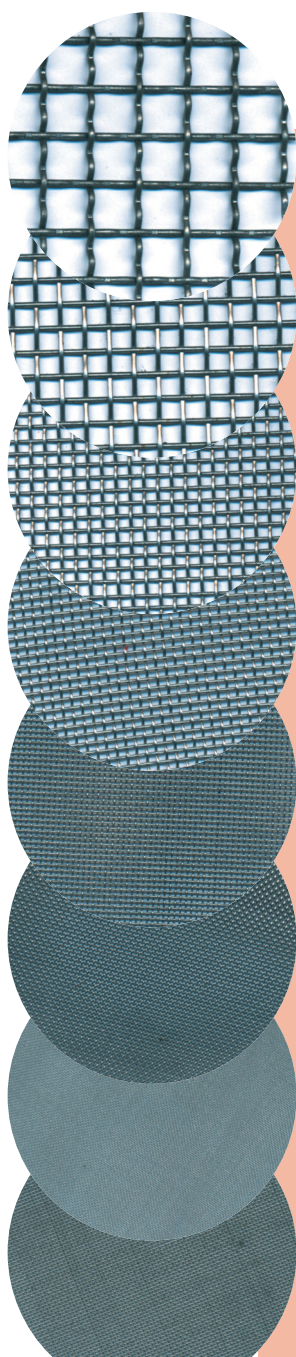
** Standard size for bevel seat style

*** Standard size for Sock screen style

**** available only in 1" 1 1/2" and 2"

Teflon® is a registered DuPont trademark.

Viton® is a registered trademark of DuPont Performance Elastomers



ORIFICE

ORIFICE PLATES

Standard Clamp Style Bonded or Removable

Made of FDA quality Buna-N, EPDM, Viton® or Silicone bonded to 316L stainless steel. These orifice plates are available in 1" to 6" inches.

Specifications: Bonded or Removable Orifice Plate:

Sizes 1" to 6" - Type 316L stainless steel; 1/16" thick plate with 1/8" standard center hole.

Special ID's available

Blank Plates also available.

Unbonded (removable):

The mini orifice plates are only available in unbonded in sizes 1/2" and 3/4" - type 316L stainless steel; .023" thick plate with .078" standard center hole.

Special ID's available

Blank plates also available.

Standard Clamp Style Solid Rubber

Made of FDA quality Buna-N, EPDM, Viton® or Silicone. These solid rubber orifice plates are available in sizes 3/4" to 4"

Specifications:

Thickness of center area is .085"

Special ID's available.

Standard Clamp Style made with Teflon®

Also striving for new methods of service to our customers, our production area is an environmentally controlled, sanitary facility capable of unlimited potential. These orifice plates made with Teflon® are of the highest quality grade Teflon® and are available in sizes 3/4" to 6"

Specifications:

Thickness of center area is .085"

Special ID's available.

Bonded to
Stainless
Steel

Solid
Rubber

Removable

Mini Orifice
Plates

Solid
Teflon®



SOCK SCREEN GASKETS

Superior Quality

- Crafted from FDA Buna-N, EPDM, Viton® or Silicone compounds bonded to durable 316 stainless steel #16 mesh.
- Our design assures a snug fit. Available for Tri-Clamp, Bevel Seat and Camlock style fittings.
- Material meets all FDA requirements and 3-A Sanitary Standards.
- Greater residual containment gives you maximum quality control.

Superior Performance

- Fully reusable - an average of 250 to 300 procedures.
- Durable - eliminates leaks and breakage in your lines.
- Over 300% more stainless steel area than conventional screening gaskets.
- Proven successful during two-year on-site testing.

Superior Economy

- Reduces unloading time 25% when compared with standard sani-guides.
- Decreases pump wear and energy consumption.
- Economical and easy to use. Environmentally compatible.
- Dramatically increases unloading pressures for smoother operation.

Specifications:

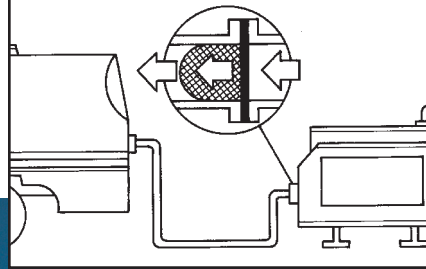
- Standard #16 wire mesh; Type 316 stainless steel, .020" diameter wire; .043" width of opening between wires; O/A 46.2%; 256 openings per square inch.
- Available in Camlock, Bevel Seat and Tri-Clamp styles
- Most styles available in sizes 1 1/2", 2", 2 1/2", 3" and 4".

Applications:

- 3" sock screen is ideal for tank truck to dairy plant intake dock procedures.
- 1 1/2" and 2" sock screen is ideal for bulk tank to tank truck procedures.

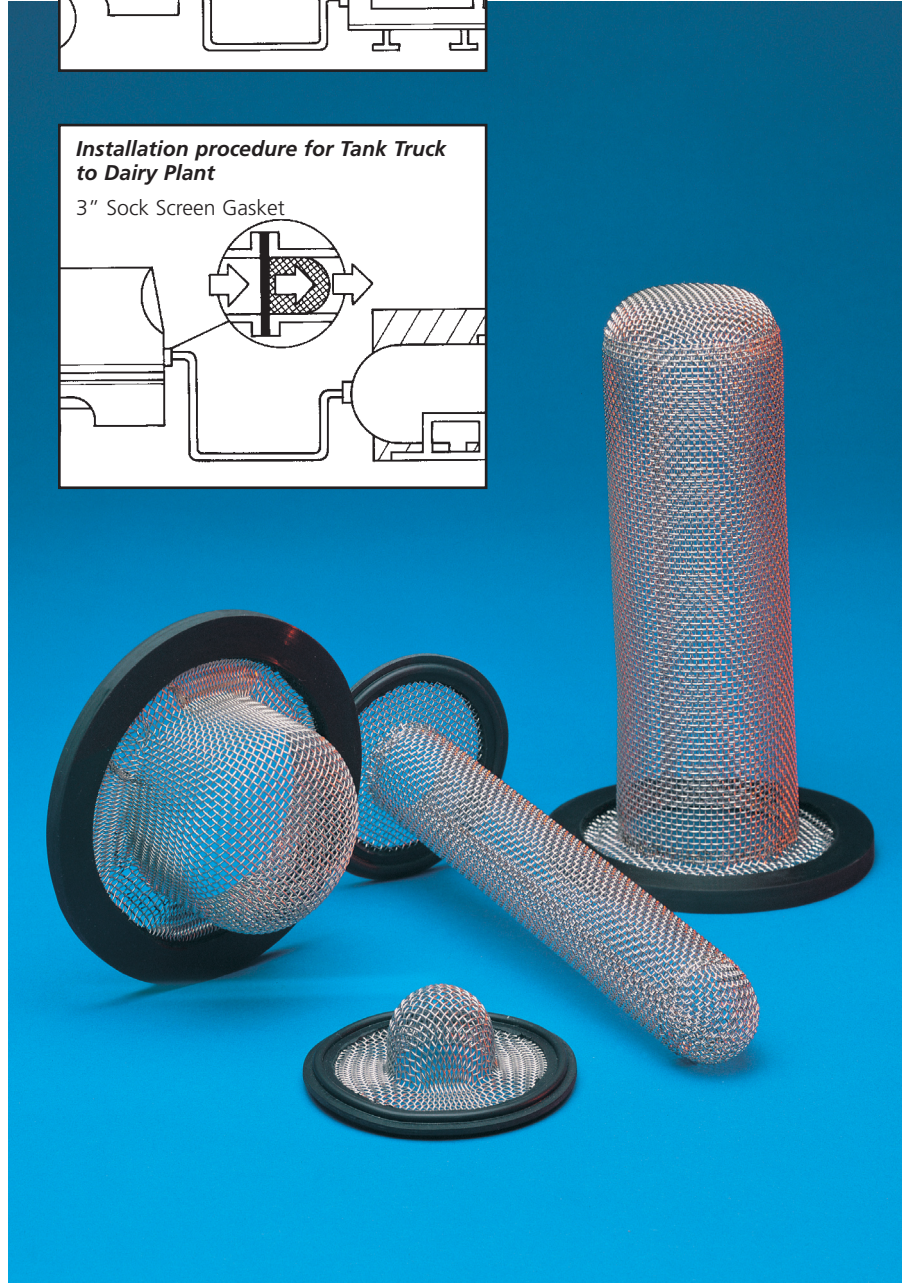
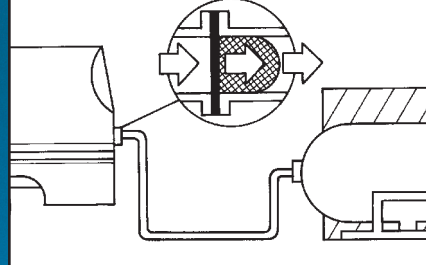
Installation procedure for Bulk Tank on farm to Tank Truck

1 1/2" or 2" Sock Screen Gasket



Installation procedure for Tank Truck to Dairy Plant

3" Sock Screen Gasket



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P.O. Box 222, Lebanon, OH 45036 • 513.932.7379 • Fax 513.932.4493
www.newmangasket.com • e-mail: customer@newmangasket.com