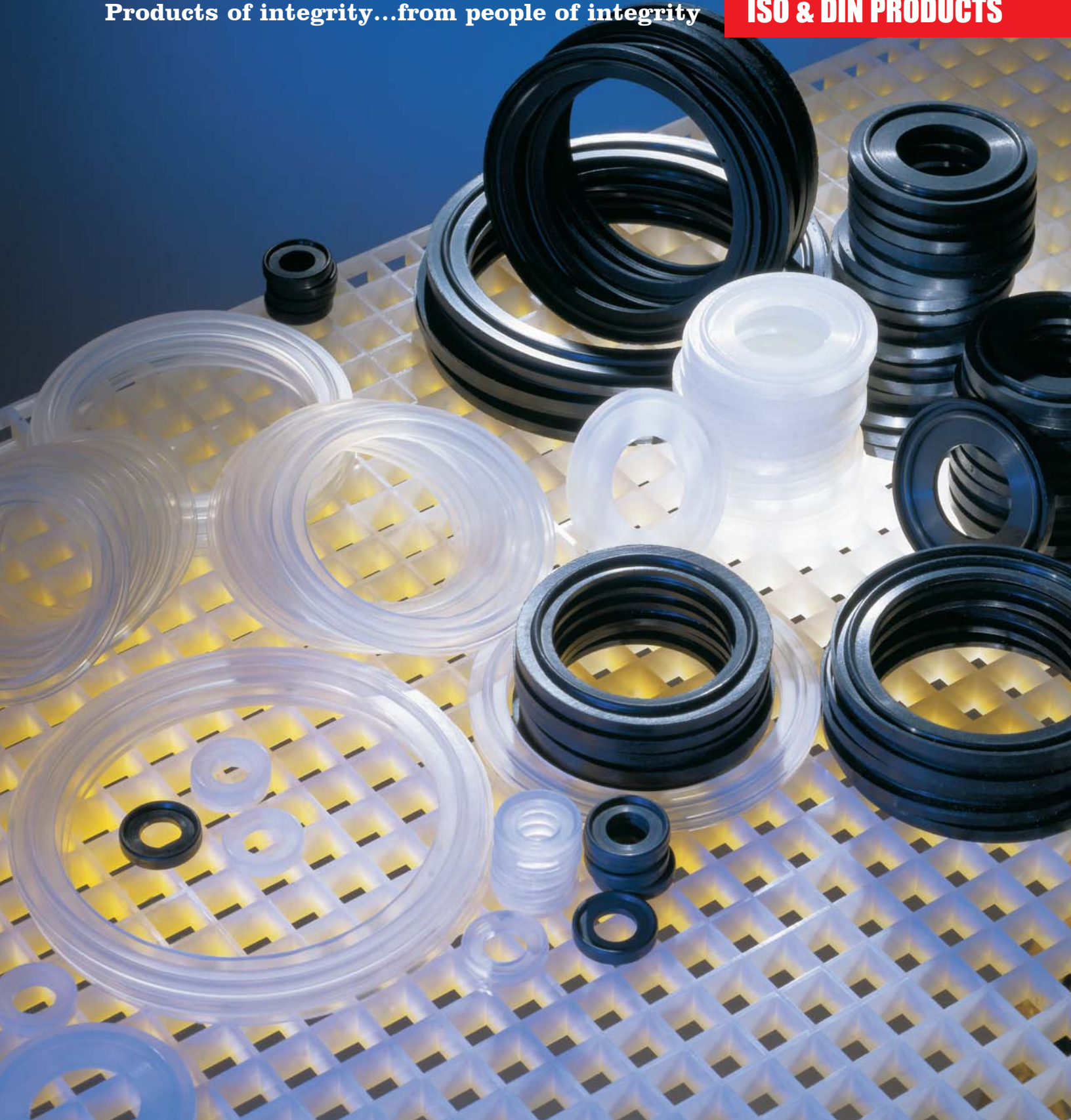


# NEWMAN

## Sanitary Gasket Company

Products of integrity...from people of integrity

**ISO & DIN PRODUCTS**





# INTRODUCING ISO & DIN CLAMP GASKETS

Newman Sanitary Gasket announces ISO #2852 and DIN #32676 hygienic flanged clamp gaskets, orifice plates and screen gaskets manufactured to FDA and Pharmaceutical Class VI standards.

After supplying the European market with our standard inch style hygienic clamp gasket, we are very proud to make the ISO and DIN hygienic standard flanged clamp gasket available. These gaskets are manufactured from the same superior compounds that you have become familiar with and purchased from us for more than twenty years.

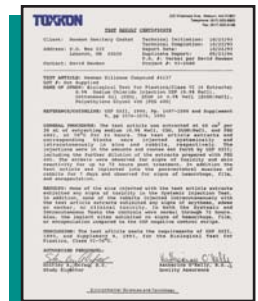
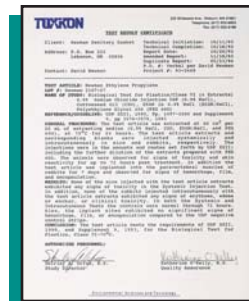
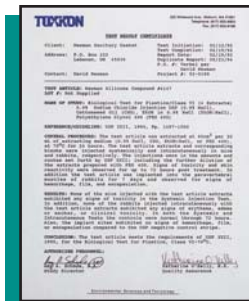
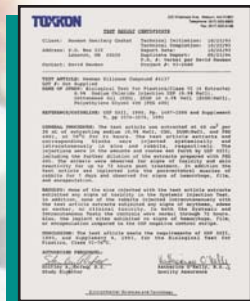
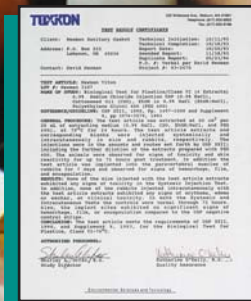
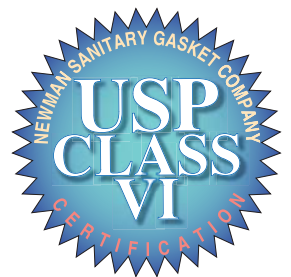
We are offering the ISO and DIN hygienic standard flanged clamp gasket in Pharmaceutical Class VI and FDA in EPDM, silicone (peroxide and platinum cured) and Viton® compounds, plus FDA nitrile compounds.

## You're Assured of Premium Quality Formulations

Our compounds are specifically formulated for Pharmaceutical and Biotech companies requiring the highest hygienic standards and chemical purity. Each package of our Pharmaceutical Class VI gaskets, as well as other parts, will carry a batch number and cure date making every gasket 100% traceable.

Newman Sanitary Gasket has the largest portfolio of hygienic compounds in the world to serve your every need whether it be gaskets, "O" rings, screen gaskets, orifice plates, tank gaskets, flat sheet stock, custom extrusions and molded parts to your specifications

*Newman Sanitary Gasket Company offers you the experience and dedication of personnel committed to the integrity of their products. Newman is prepared to meet all standard and custom rubber compound requirements of the pharmaceutical and biotech industries.*





### A Special Note About Our Viton®:

Newman's Viton® compound is not to be confused with the European type Viton®. Our Viton® is pure DuPont Viton® with no fillers and is very low in liquid absorption, a common problem with the European type. We are so sure of our specially formulated Viton compound that we will give you 25 FREE Viton® gaskets, your choice of sizes, to prove the superior performance of Newman's Viton® products.

## Viton®

Viton compound material has excellent mechanical, chemical and heat resistance properties. Our formulation is a superior blend that is especially good for hard vacuum service because of its high molecular weight and low gas permeability. It has been used to -54°C in some static seals. Flexibility, 18°C to 200°C under continuous duty and will take 316°C for short periods of time.

## Silicone

Silicone material is known for its standard of purity and non-leaching characteristics. Its ability to withstand many chemicals and combinations of chemicals is the reason it is so popular with the pharmaceutical industry. Silicone has excellent low temperature flexibility — to 38°C in dry heat, platinum cured 232°C is the top for continuous duty with 316°C possible for short periods.

*\* Platinum Cured Silicone is not serviceable above 38°C*

### DIN #32676

Tube Size	DIN #
12.00 x 1.00mm	DN10
19.00 x 1.50mm	DN15
23.00 x 1.50mm	DN20
29.00 x 1.50mm	DN25
35.00 x 1.50mm	DN32
41.00 x 1.50mm	DN40
53.00 x 1.50mm	DN50
70.00 x 2.00mm	DN65
85.00 x 2.00mm	DN80
104.00 x 2.00mm	DN100

### ISO #2852

Tube Size	ISO #
13.50 x 1.60mm	ISO8
17.20 x 1.60mm	ISO10
21.30 x 1.60mm	ISO15
26.90 x 1.60mm	ISO20
33.70 x 2.00mm	ISO25
42.40 x 2.00mm	ISO32
48.30 x 2.00mm	ISO40
60.30 x 2.00mm	ISO50
76.10 x 2.00mm	ISO65
88.90 x 2.00mm	ISO80
114.30 x 2.00mm	ISO100



# 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 from FDA quality Buna-N, Viton®, EPDM or Silicone bonded to 316L stainless steel. These screen gaskets are available in either woven wire mesh or perforated disc in sizes 1" to 6". 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:

#### Wire Mesh:

Type 316L stainless steel; .025 in. dia. wire; width of opening .075 in. between wires; O/A 56.8%; 100 openings per square inch. Other screen mesh sizes available.

#### Perforated Discs:

Type 316L stainless steel; .033 in. dia. straight line centers; 324 holes per square inch; 28% O/A. Other size perforated discs are available.

## SQUARE MESH WIRE CLOTH INFORMATION

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Openings Per Sq. Inch
4	5411	.035	/.215	16
6	3221	.035	/.132	36
8	2441	.028	/.097	64
9	2089	.025	/.083	81
*10	1887	.023	/.075	100
12	1510	.023	/.06	144
**14	1283	.02	/.051	196
***16	1082	.018	/.0455	256
20	855	.016	/.034	400
30	427	.016	/.017	900
35	422	.0118	/.0168	1,275
40	302	.01	/.015	1,600
50	276	.009	/.011	2,500
60	226	.0075	/.009	3,500
80	176	.0055	/.007	6,400
****100	151	.0045	/.006	10,000
****120	120	.0035	/.0048	14,400
****150	103	.0026	/.0041	22,500
****200	73	.0021	/.0029	40,000

\* Standard size for clamp style

\*\*\* Standard size for sock screen style

\*\* Standard size for bevel seat style

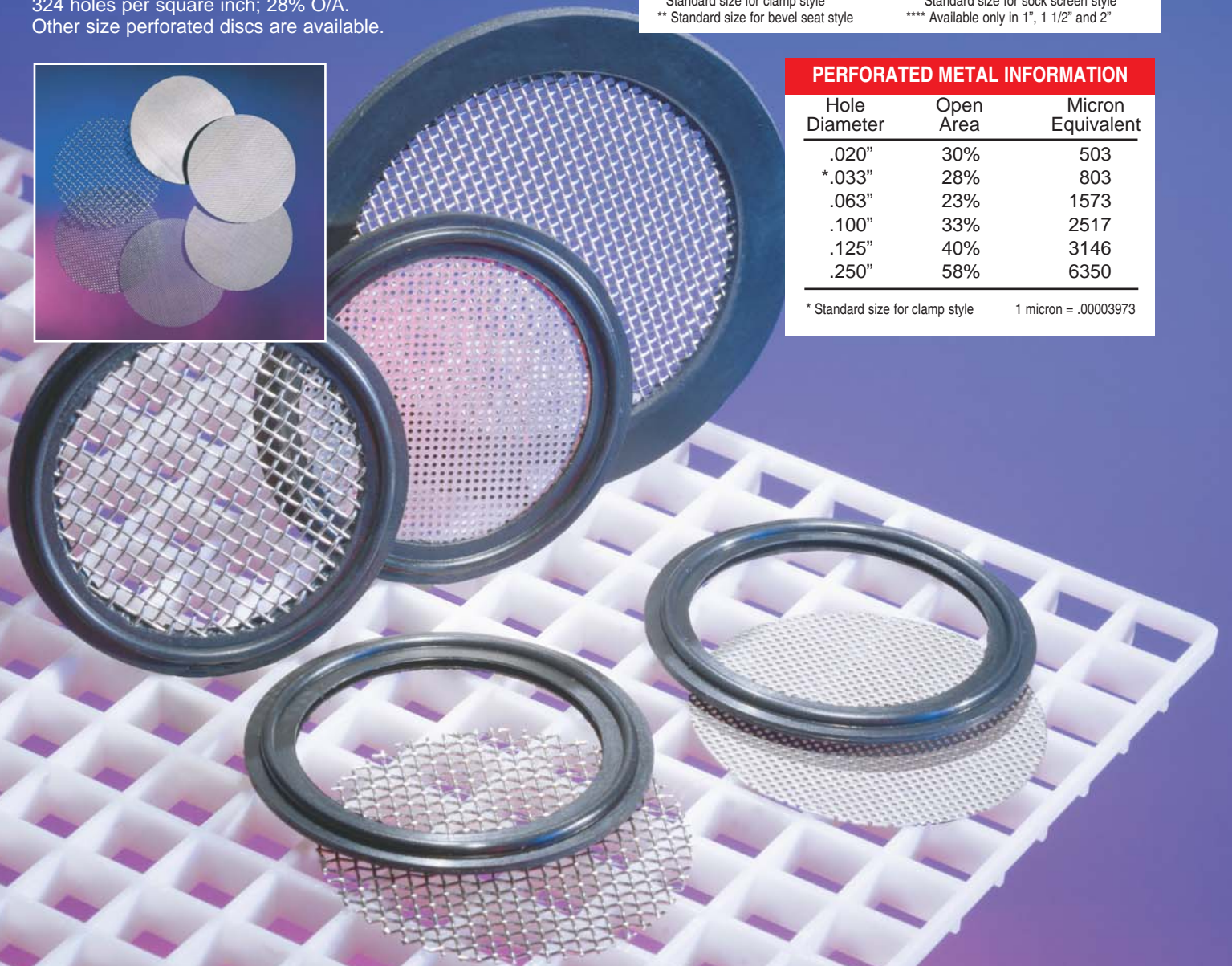
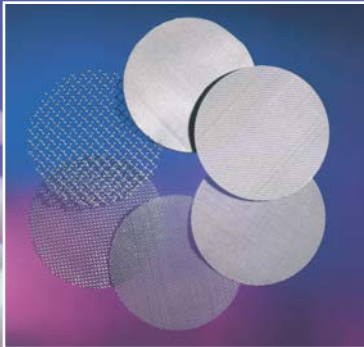
\*\*\*\* Available only in 1", 1 1/2" and 2"

## PERFORATED METAL INFORMATION

Hole Diameter	Open Area	Micron Equivalent
.020"	30%	503
*.033"	28%	803
.063"	23%	1573
.100"	33%	2517
.125"	40%	3146
.250"	58%	6350

\* Standard size for clamp style

1 micron = .0003937





# ORIFICE PLATES

Newman products are formulated only from compounds developed specifically for the processing industry. Made from FDA quality Buna-N, Viton®, EPDM or Silicone bonded to stainless steel. Our products are affected less by caustics, chlorine and acid cleaners. You eliminate loss of product and improve your quality control. Newman's complete line of standard style and standard size products are readily available.

## Standard Clamp Style Bonded to Stainless Steel or Removable

These Orifice Plates are available in sizes 1 in. to 6 in.

### Specifications:

Bonded Orifice Plate:  
Type 316L Stainless Steel; 1/16" thick plate,  
1/8" standard center hole.  
Special ID's available  
Blank plates also available

Unbonded (removable)  
Mini Orifice plates are available in  
sizes of 1/2" and 3/4".  
Type 316L Stainless Steel;  
.023" thick plate, .078"  
standard center hole.  
Special ID's available  
Blank plates also available

## Standard Clamp Style Solid Rubber

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

### Specifications:

Thickness of ID .085"  
Special ID's available.

## Teflon® Clamp Style

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

### Specification:

No center hole, unless requested.

**Bonded to  
Stainless Steel**

**Solid  
Rubber**

**Mini Orifice  
Plates**

**Removable**

**Teflon  
Clamp Style**





## CLASS VI "O"-RING KITS FOR GLATT NOZZLES

**N**ewman "O"-ring kits for Glatt Nozzles are made from our exclusive U.S.

Pharmaceutical Class VI certified, EPDM or Viton® elastomers. Each "O"-ring is hand finished and inspected to assure the finest in quality. Each "O"-ring kit is identified with a batch number and a cure date, making them 100% traceable.

Newman has more than 25 years of expertise in the Pharmaceutical/Medical rubber manufacturing field. We will satisfy your most rigid requirements and deliver a high quality "O"-ring kit to you at substantial savings. Just think, better quality, less cost and in-stock product for immediate delivery.

**SPE-Glatt-01 10 piece kit**  
**SPE-Glatt-02 8 piece kit**



BATCH NO. 2107-15714  
CURE DATE 12/02/99

**NEWMAN**  
Sanitary Gasket Co.

TYPE: NOZZLE KIT (GLT)  
STYLE: CLASS VI E.P.D.M  
SIZE: 10 PC KIT  
QTY: 1  
PRT NO: SPE-10316-01



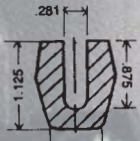
PRECISION GASKETS FOR THE DAIRY,  
FOOD, BEVERAGE, PHARMACEUTICAL &  
CHEMICAL PROCESS INDUSTRIES



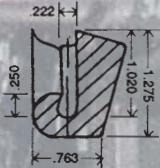
# EXTRUSIONS

## MANHOLE & SIGHT GLASS GASKETS

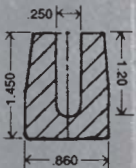
for all tanks, single and double flanged styles



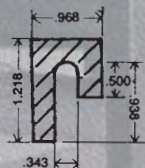
**41186-B**  
Double  
Flanged  
Fabricated



**402-6229**  
Single  
Flanged  
Molded



**964-222**  
Universal  
Fabricated



**932-398**  
Tanker Lid  
Gasket  
Fabricated



Newman's extrusion capabilities are available in straight lengths or in bonded shapes to form an endless component. Newman can extrude a custom profile (limited to 1" in diameter) from 2 feet to 50 feet\*\* in length from our Buna-N, Viton® and EPDM compounds.

\*\* 5 feet - 20 feet lengths is customary;  
limited profiles available in 50 foot rolls

EPDM is excellent for use with deionized water and steam applications. It is available in style #402-6229 and #41186-B.

### FDA Buna-N Manhole Gaskets

#### Part No.

- \* 41186-B (vulcanized endless)
- \* 402-6229 (vulcanized endless)
- \* 964-222 (vulcanized endless)
- \* 932-398 (vulcanized endless)

*Universal Gasket will fit all standard size 16" x 20" doors, with the exception of Pfadler. When ordering a non-standard gasket, the circumference of the door is required in order to provide correct size and fit.*

*\* Available in non-standard lengths by the meter for your fabrication.*

### Sight Glass Gaskets

#### Part No. Glass Size

10122-B	4" x 1/4"
4011000	4 1/2" x 1/4"
B18757A	7 1/2" x 1/4"

*Will fit any sight glass of these dimensions regardless of manufacturer.*



## Unique Pipe Hanger Sleeve System

**F**eatures a unique “living” hinge design that provides superior performance... wraps around piping in seconds.

- Tough — molding manufacturing process assures uniform hold-tight action day after day.
- Meets all FDA requirements, sanitary standards and safety regulations.
- Eliminates time-consuming expense associated with installing conventional rubber grommet method.
- “Living” hinge design allows quick installation on the job site. No pre-fabrication costs. Just slide the sleeve around pipe and tighten.
- Durable — stronger heat resistant polypropylene easily handles demanding equipment vibrations longer than conventional methods.
- Design drastically reduces initial installation labor costs to give you maximum savings.
- Replacement is quick, easy and more economical as well. So you save every step of the way.
- Proven superior in on-site testing so you’re assured of the results.



*FREE samples upon request.*

## Custom Molding

**N**ewman’s custom molding group is able to develop and produce a broad range of products...products designed not only for the industries it now serves, but also for other sanitary applications.

Much of the custom molded work applies to processing systems and the manufacture of processing equipment. The materials used are much the same as the standard products which are Buna-N, Viton®, Silicone, EPDM and Teflon®.

All items are made to the customer’s specifications by working closely with the customer to ensure proper fit and quality. Custom molding can vary from a small non-standard “O”-ring to a highly sophisticated rubber compound bonded to stainless steel, or a specific item needing just the right amount of resiliency to work efficiently on a given piece of equipment. Processing equipment manufacturers rely on Newman for their original and replacement rubber parts for countless uses in the pharmaceutical industry.

Each custom molded part is developed with your timetable in mind. With the highly skilled design engineer and the most efficient tooling costs, along with Newman’s processing equipment experience working with F.D.A. material where sanitary conditions are essential, the customer is assured the highest quality custom molded part in the industry today. Most importantly, it is provided at much less than the cost of other custom molders.



*Some parts shown are proprietary parts and are not available for resale.*

**NEWMAN**  
Sanitary Gasket Company

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