

*Now featuring our expanded product line with  
Flanged Teflon® and Teflon® Envelope ISO Gaskets.*

**ISO & DIN GASKETS**

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 **NEWMAN**<sup>TM</sup>  
SANITARY GASKET COMPANY

*PRODUCTS OF INTEGRITY...FROM PEOPLE OF INTEGRITY*

# ISO & DIN CLAMP GASKETS

Newman Sanitary Gasket's ISO #2852 and DIN #32676 hygienic flanged clamp gaskets are manufactured to FDA and USP 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 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 envelope flanged clamp gaskets in USP Class VI and FDA compliant EPDM, silicone (peroxide and platinum cured), Viton® and Teflon® 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 USP Class VI compliant gaskets, as well as other parts, 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.*

## **DIN #32676**

DIN	Tube OD	Wall Thickness	Ferrule OD/ Flange
10	12	1	34
15	19	1.5	34
20	23	1.5	34
25	29	1.5	50.5
32	35	1.5	50.5
40	41	1.5	50.5
50	53	1.5	64
65	70	2	91
80	85	2	106
100	104	2	119

## 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 (-65°F) in some static seals. Flexibility, 18°C (64°F) to 200°C (392°F) under continuous duty and will take 316°C (600°F) 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 (100°F) in dry heat, platinum cured 232°C (450°F) is the top for continuous duty with 316°C (600°F) possible for short periods.

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

## EPDM

EPDM (ethylene propylene diene monomer rubber) is excellent for hot water and steam service up to 163°C (325°F). It is very abrasion resistant and has excellent resistance to ozone, sunlight or weather and de-ionized water. EPDM also has good tensile strength and good resistance to mild acids, alkalis and alcohols. Rated -54°C (-65°F) to 176°C (350°F) (short term to 204°C (400°F)).

## ISO #2852

ISO	Tube OD	Wall Thickness	Ferrule OD/Flange
8	13.5	1.6	25.4
10	17.2	1.6	25.4
15A	21.3	1.6	50.5
15B	21.3	1.6	34
20	26.9	1.6	50.5
25	33.7	2	50.5
32A	42.4	2	64
32B	42.4	2	50.5
40	48.3	2	64
50	60.3	2	77.5
65	76.1	2	91
80	88.9	2.3	106
100B	114.3	2.3	130

## Teflon®/Teflon® Envelope

Teflon® material has been a standard in the industry and is a registered trademark of DuPont. Teflon® fluoropolymer has excellent performance properties in almost all environmental conditions with excellent resistance to weather, heat, steam, abrasion, acid, petroleum oil and vegetable oil. Newman's products made with Teflon® fluoropolymer are unsurpassed in the industry for sanitation requirements and are in compliance with FDA and USP VI criteria. Operating temperature ratings, -110°F to 450°F.

## 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. Viton® is excellent for vacuum service and Viton® GF and ETP are excellent alternatives for Kalrez®.





## Custom Molding

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

**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 time table in mind. With highly skilled design engineers and the most efficient tooling costs, along with Newman's processing equipment experience working with FDA compliant 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.



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