

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

ISO & DIN GASKETS



NEWMAN™
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 gaskets, 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 thirty years.

We are offering the ISO and DIN hygienic envelope flanged clamp gaskets in USP Class VI and FDA compliant EPDM, Silicone, 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 or molded parts to your specifications.

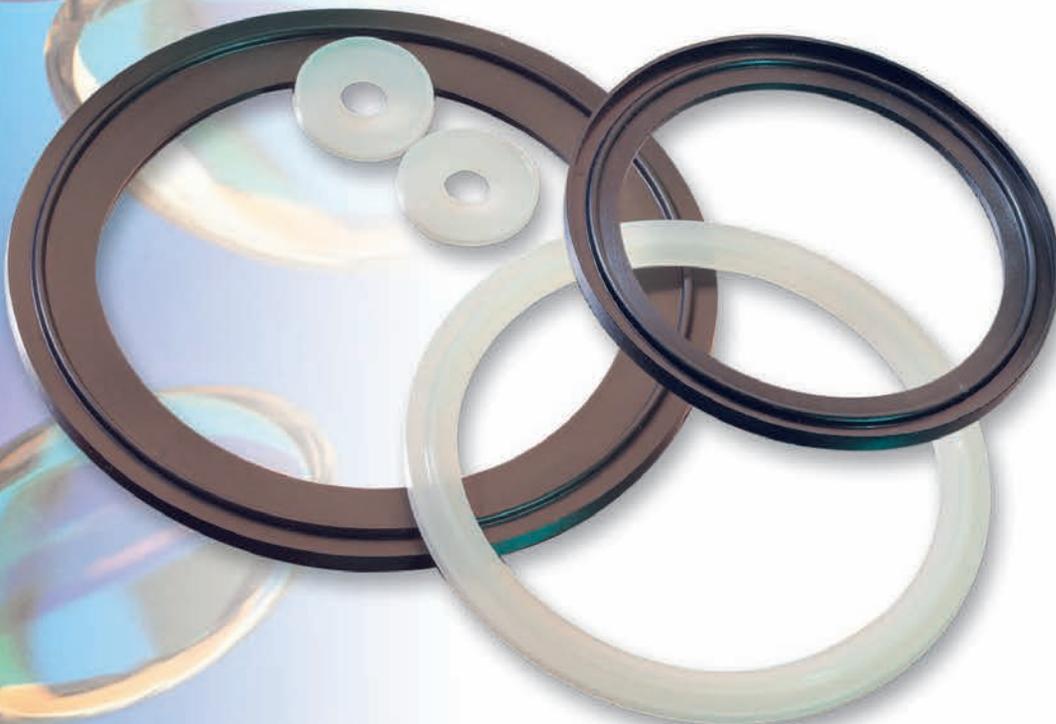
Newman Sanitary Gasket

Company offers you the experience and dedication of personnel committed to the integrity of their products.

Newman meets all standard and custom rubber compound requirements of the pharmaceutical and biotech industries.



Please check the Newman Sanitary Gasket web site for the up-to-date ISO certificate: <http://www.newmangasket.com/Certificates.htm>



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 |

Genuine Viton™ A

Newman's Viton™ A compound is the standard FKM in the high-purity industry and uses Genuine Viton™ A resin made by The Chemours™ Company. It has excellent mechanical properties and also possesses wide chemical and temperature resistance. Newman's superior formulation resists clean steam sanitization cycles and works well in vacuum service unlike other FKMs. It maintains its flexibility down to 18°C (64°F) and can be used up to 232°C (450°F) in continuous operation. It may be used for short periods of time in higher temperature environments (not to exceed 275°C (527°F)).

Silicone

Newman's proprietary Silicone compounds are often the materials of choice in critical high purity processes (e.g. biopharmaceutical applications) because of their optical clarity, relatively simple formulation, and the low amounts of unwanted materials that can be extracted during processing. They also handle wide swings in temperature and pressure and can even be used in some cryogenic applications. They remain flexible to -62°C (-80°F) and can be used in dry heat to 232°C (450°F).

EPDM

Newman's proprietary EPDM (Ethylene Propylene Diene Monomer rubber) is excellent for hot water and steam service up to 135°C (275°F). It may be used in higher temperatures for short periods of time up to 163°C (325°F). It has excellent abrasion resistance and low gas permeability. Newman's EPDM has excellent resistance to ozone and de-ionized water, and good resistance to acids, alkalis and alcohols.

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 | 34 |
| 15B | 21.3 | 1.6 | 50.5 |
| 20 | 26.9 | 1.6 | 50.5 |
| 25 | 33.7 | 2 | 50.5 |
| 32A | 42.4 | 2 | 50.5 |
| 32B | 42.4 | 2 | 64 |
| 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 |

Genuine Teflon™/Teflon™ Envelope

Genuine Teflon™ is the standard PTFE in the industry and is also a trademark of Chemours™ Company. Teflon™ has excellent performance properties in almost all environments, with excellent resistance to cold, heat, steam, strong acids and bases, and both natural and synthetic oils. Newman's products made with Genuine Teflon™ are unsurpassed in the industry in terms of performance, purity and longevity. Operating temperature range is from -79°C (-110°F) to 232°C (450°F). Teflon™ Envelope Gaskets combine an outer process contact layer of Teflon™ with an inner core of Newman EPDM or Genuine Viton™ to allow the gasket to better compress and maintain the seal.

A Special Note About Newman Compounds:

Newman proprietary Genuine Viton™ Silicone, EPDM and Genuine Teflon™ compounds should not be confused with general FKMs, EPDMs, Silicones, and PTFEs. Newman compounds are specially formulated for high-purity processing and meet the stringent performance and compliance requirements of worldwide regulations and standards for the high-purity processing industries. Use Newman compounds to protect your consumers, your patients, your process and your business!





Custom Molding

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

Newman's custom molding group is able to develop and produce a broad range of 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 the same as the standard products which are Buna, 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, 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.



Please check the Newman Sanitary Gasket web site for the up-to-date ISO certificate: <http://www.newmangasket.com/Certificates.htm>

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