

WIDE VARIETY OF GASKETING PRODUCTS

Get a free Gasket Quote!



Seal & Design Inc. offers a wide variety of gasketing products. We fabricate over a dozen materials in hundreds of different material styles. Capabilities include: Die cut, Waterjet cut, Beaded Gaskets, Pressure Sensitive Adhesive (PSA) laminated parts, Prototyping, Kiss Cut, custom packaging and kitting, and engineering assistance.

Gasket Product Types

- | | | |
|--------------|------------|----------|
| Non-Asbestos | Beater Add | Metallic |
| Grafoil | Viton | Rubber |
| Sponge | Foam | PTFE |
| Sanitary | | |



Seal & Design can work with customers' specifications to develop specific tools and dies to fabricate custom gaskets with a high degree of precision and repeatability.

GASKET PRODUCT TYPES

Type	Info	Related Links
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Compressed Non-Asbestos

As an added service, Seal & Design offers technical support for any application where you are uncertain about which gasket material to use. Phone or e-mail us, and we will be pleased to make a recommendation.

Ask about our software program which has provided the industry with the most comprehensive engineering tool available to industry today.

Product lines:

Durlon

Garlock

Leader

Teadit

Thermoseal/Klinger

Victor Reinz

Non-Asbestos Main Page



Beater-Add

Beater-addition gasket materials, or simply Beater Add for short, are made by proprietary manufacturing processes. Each Beater Add vendor has their own process but the general process is as follows: A select mixture of water, latex, fibers, fillers, and chemicals is formed into a slurry. The slurry is then run through specialized machinery that extracts the water, dries the mixture, compresses, and vulcanizes the material into a long continuous sheet.

Product lines:

Thermoseal/Klinger

Interface Solutions

Beater Add Main Page



Metallic

Metallic Gaskets are used for sealing higher temperature and pressure applications, where non-asbestos materials will fail. Typical applications are for heat exchangers, compressors, condensers, pumps, and valves.

Sub-types:

Spiral Wound

Metal Jacketed

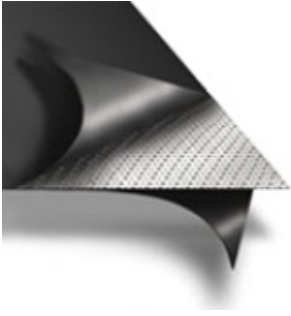
Ring Type Joint (RTJ)

Kammprofile

Corrugated Metal Gaskets (CMG)

Metallic Main

Grafoil flexible graphite is a superior performing packing and gasket



Grafoil

material. It is the first fluid sealing material made exclusively from natural graphite flake. As a result, its resistance to corrosion, aggressive chemicals, heat and fire make it a critical sealing solution for a variety of applications.

Its high degree of chemical compatibility makes Grafoil inert to most chemicals and gases. It provides an excellent seal even after continuous exposure to the elements.

Grafoil Main



Viton

Viton® gaskets have excellent resistance to high temperatures, ozone, oxygen, mineral oil, synthetic hydraulic fluids, fuels, aromatics and many organic solvents and chemicals.

Viton Main

Sub-types:

- Viton A**
 - Viton B**
 - Viton F**
 - Viton Extreme**
 - Viton Sponge**
 - Viton Diaphragm**
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Rubber

We sell rubber gasketing material in sheets, rolls, or fabricated to specs. Our knowledgeable sales staff will provide you with fast, personal service. Elastomeric rubber compounds can be used for both o-rings and gasketing products.

Rubber Gaskets Main

Elastomeric Compounds



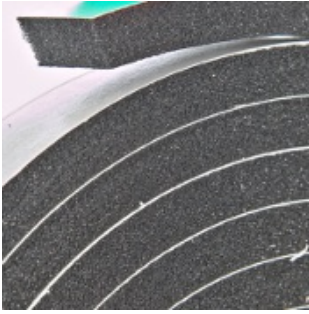
Sponge

Sponge gaskets vary widely in material composition and thickness. Typical applications include packaging and vibration reduction solutions for the transportation industry.

Sponge Main

Sub-types:

- Silicone Sponge**
- Armacell Sponge**



Foam

Foam gaskets vary widely in material composition and thickness. Typical applications include vibration reduction solutions for the transportation industry and noise reduction products.

Foam Main

Sub-types:
Urethane - PORON
Acoustic Dapening



PTFE

Polytetrafluoroethylene (PTFE) is a synthetic fluoropolymer of tetrafluoroethylene that has numerous applications. It is also known by the common trade name Teflon®[®], which is trademarked by DuPont. PTFE can be modified for use as a gasketing material with strong chemical resistance properties.

PTFE Main

Product Lines:
Inertex ePTFE
Garlock Gylon
Thermoseal
Durlon 9000



Sanitary Gaskets

Sanitary gaskets are designed for the food service and pharmaceutical industries.

Sanitary Gaskets Main

Pharmaceutical
Grade Materials

Seal & Design
Able Division

5533 Steeles Avenue West, Unit 11
Toronto, Ontario M9L 1S7
Ph: (416) 741-0750
Gasket@AbleSealAndDesign.com

Seal & Design
Corporate Headquarters

4015 Casilio Parkway
Clarence, NY 14031
Ph: (716) 759-2222
Info@SealAndDesign.com

Seal & Design
Higbee Division

6741 Thompson Rd N
Syracuse, NY 13221
Ph: (315) 432-8021
Sales@Higbee-Inc.com