



THERMOSEAL

With a diverse range of performance and engineering requirements for sealing applications, the line of gasket materials includes multi-layer technology sheets. Additional features include low-pressure sealing and torque retention.

HENKEL

Loctite 5203 reliably seals close-fitting flanges against the same temperatures, pressures and chemicals as traditional liquid gaskets, yet removes easily without machining or chemicals.



TECH-ETCH

The new Continuous Integrated Gasket for shielding honeycomb vents offers better performance, reduced cost and improved production time. Continuous lengths of the high-performance BeCu gaskets are mechanically installed under the inner perimeter of the vent's aluminum extrusion frame.



BRITISH GASKETS

British Gaskets provides a range of gaskets to suit all applications - non asbestos, rubber, plastic felt, paper, graphite, foams, metal, spiral wound or sponges to name a few. Tooling is designed in house, giving complete control for urgently required samples and prototypes.

Type

Material

Oper. Pressure

Oper. Temp.

Shielding

Key Features

Flange Gasket Roll

Nitrile/Styrene Butadiene

N/A

N/A

Leakage Prevention

- A strong high density core for support and interstitial leakage prevention
- Conformable outer layers
- Suitability for use in diesel and gasoline engines, power equipment, generators, pumps, compressors and drivelines
www.thermosealinc.com

Anaerobic Flange Liquid Gasket

Loctite 5203

N/A

-65° to 300°F

N/A

- Fully cures in 15 minutes to 6 hrs
- A red liquid that ranges in viscosity from 50,000 to 100,000 cP and fills gaps to 0.010" without a primer or 0.020" with primer
www.henkeln.com

Shielding Honeycomb Vents

BeCu

N/A

N/A

EMI

- No tooling is required to manufacture and attach the gasket to the honeycomb vents
- Custom and standard EMI shielded honeycomb vents and filters featuring strong, light-weight aluminum frames with various media options
- Many RoHS compliant finishes are available
www.tech-etch.com/shield

Softcut/Spiralwound/Flange/Metalic

SBR/Neoprene/Nitrile/EPDM/Silicone/Viton

More Than 700 bar (10,000 PSI) (Spiralwound)

Cryogenic to 1,650°C (Spiralwound)

N/A

- Availability of solid metal, metal-reinforced, metal clad and corrugated gaskets as well
www.british-gaskets.co.uk



WIKA INSTRUMENT

Implementing an internal diaphragm, which requires hydraulic fluid to transmit pressure to the instrument, the L990.27 flanged diaphragm seal combines with both pressure transmitters and Bourdon tube pressure gauges.



ASHCROFT

Ashcroft seals are available in a variety of sizes. Pre-assembled, filled and ready for installation, the isolated instruments provide the right combination of measurement performance and media protection in any demanding severe-service application.



INDUSTRIAL RUBBER PRODUCTS (IRP)

IRP diaphragms are used in valves, motors and pumps for many versatile uses such as sealing regulating flow. The 2 types available include general and Saunders diaphragms.



MINNESOTA RUBBER & PLASTICS

Minnesota Rubber and Plastics provides medical device manufacturers with seal designs molded of rubber and plastics to meet a wide range of sealing requirements. Among these are complex check valve seals used in topical oxygen therapy products designed to promote wound healing.

Construction

Seal Design

Connection

Process

Oper. Temp.

Key Features

Plain/Teflon-Coated/Gold-Plated 316

SS/Inconel 600

Flanged

1-1/2" to 5"

Pressure Transmitters/Tube Press Gauges

- N/A
- 316 stainless steel and grade 2 titanium flange materials
- Accommodations for corrosive, contaminated, hot or viscous applications
info@wika.com
www.wika.com

Wetted Materials

Capsule (Wetted/Bonded), Clamped (Thread/Flange/Flank)

Multiple

Gauges/Switches/Transmitters

Severe-Service Application

- Pre-assembled, ready to install
- Complete media protection
info@ashcroft.com
www.ashcroft.com

NBR/Nitrile/EPDM/Silicone/Neoprene/Etc.

General/Saunders

Multiple

Multiple

Multiple

- Additional availability in Viton-FKM, Hypalon, Ethylene acrylic elastomers and natural rubber
- Additional polymer customizations available
www.irpc.co.in

Double Silicone

3-Piece Snap Assembly

Check Valve/Relief Valve Assembly

2 Mating Polycarbonate Outer Components

N/A

- Both the check valve and relief valve functions are controlled by the double silicone diaphragm in the middle of the assembly and the 2 mating outer components (polycarbonate), which hold and center the diaphragm
- The check valve stops the flow of oxygen
- The relief valve maintains the inflation pressure
- Eliminates the need for adhesive or welding operations
www.mnrubber.com