



Rubber Gaskets & Seals

Hennig Gasket & Seals manufactures custom rubber gaskets and seals for a wide range of industries across the country. No matter if your project calls for a single prototype or large production runs; no matter if the rubber gasket is simple or complex in design, we are committed to our promise of providing our customers with rubber gaskets that have been **accurately cut to the tightest tolerance and delivered with the quickest turnaround in the industry.** That has been our promise for over 90 years.

[Request a Quote](#)

Hennig Gasket & Seals will custom manufacture your rubber gasket or seal from provided prints or will reverse engineer a sample part for all critical dimensions. Our proven manufacturing techniques will deliver **on-time, on-budget parts** that are precision engineered to your exact specifications. **Guaranteed.**

We fabricate a variety of types of rubber gaskets and seals including:

[Buna-N Gaskets](#) [Natural \(Gum\) Rubber Gaskets](#) [SBR \(Red Rubber\) Gaskets](#)
[EPDM Gaskets](#) [Neoprene Gaskets & Seals](#) [Silicone Gaskets](#)
[FDA approved \(Food Grade\) Gaskets](#) [Nitrile Gaskets](#) [Viton® Gaskets](#)
[Polyurethane Gaskets](#)

Rubber Gasket & Seal Manufacturing Process

Hennig Gasket & Seals continues to invest in technology and expands both in capacity and capabilities. Our in-house manufacturing services include [water jet cutting](#) (tight tolerance +/- .007), flash cutting, [die cutting](#) and hand cutting.

Rubber Gasket & Seal Material

There are a number of factors that help determine which material is the best selection for your application. It is not easy and can be very confusing trying to select the material best suited for your application. You can refer to our "[Rubber Sheet Cheat Sheet](#)" as a reference, but we encourage you to take advantage of our knowledge and experience to assist in the proper selection. We stock the following rubber gasket material (both sheets and rolls). Our experienced staff can assist in your selection.

Buna-N Nitrile

Composition: Nitrile-butadiene

General Properties: Excellent resistance to petroleum based fluids. Good physical properties.

Resistant to: Many hydrocarbons, fats, oils, greases, hydraulic fluids, chemicals

Attacked by: Ozone (except PVC blends), ketones, esters, aldehydes, chlorinated and nitro hydrocarbons

Cloth Inserted Rubber

Composition: Neoprene or SBR

General Properties: Excellent physical properties

Temperature Range: Neoprene -20°F to +180°F; SBR -20°F to +170°F

Diaphragm

EPDM

Composition: Ethylene-propylene-diene

General Properties: Excellent ozone, chemical and aging resistance. Poor resistance to petroleum based fluids.

Resistant to: Animal and vegetable oils, ozone, strong and oxidizing chemicals.

Attacked by: Mineral oils and solvents, aromatic hydrocarbons

Gum Rubber

Composition: Isoprene, natural

General Properties: Excellent physical properties including abrasion and low temperature resistance. Poor resistance to petroleum based fluids.

Resistant to: Most moderate chemicals, wet or dry, organic acids, alcohols, ketones, aldehydes

Attacked by: Ozone, strong acids, fats, oils, greases, most hydrocarbons

Hypalon®

Composition: Chloro-sulfonyl-polyethylene

General Properties: Excellent ozone, weathering, and acid resistance. Good abrasion and heat resistance. Fair resistance to petroleum based fluids

Resistant to: Similar to Neoprene with improved acid resistance

Attacked by: Concentrated oxidizing acids, esters, ketones, chlorinated, aromatic, and nitro hydrocarbons

Neoprene

Composition: Chloroprene

General Properties: Good weathering resistance. Flame retarding. Moderate resistance to petroleum based fluids

Resistant to: Moderate chemicals and acids, ozone, oils, fats, grease, many oils, and solvents

Attacked by: Ozone, strong acids, fats, oils, greases, most hydrocarbons

Polyurethane**Composition:** Polyurethane diisocyanate**General Properties:** Good elongation and high tensile strength at high durometer readings. Excellent abrasions and tear strength**Resistant to:** Ozone, oxygen**SBR (Red Rubber)****Composition:** Styrene-butadiene**General Properties:** Good physical properties and abrasion resistance. Poor resistance to petroleum based fluids**Resistant to:** Most moderate chemicals, wet or dry, organic acids, alcohols, ketones, aldehydes**Attacked by:** Ozone, strong acids, fats, oils greases, most hydrocarbons**Silicone****Composition:** Polysiloxane**General Properties:** Excellent high and low temperature properties. Fair physical properties.**Resistant to:** Moderate or oxidizing chemicals, ozone, concentrated sodium hydroxide**Attacked by:** Many solvents, oils, concentrated acids, dilute sodium hydroxide**Viton®****Composition:** Fluorinated hydrocarbon**General Properties:** High resistance to solvents, acids, base fuels, oils and hydraulic fluids. Unusual performance at elevated temperatures. Good tensile strength, resilience, low compression set, low temperature range is approximately -60°F**Resistant to:** Weathering, ozone, oxygen and flame

The experienced team at Hennig Gasket can assist you with all your custom rubber gaskets and seals needs – [contact us](#) today to experience our fast service. Or, [request a quote](#) today!

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