

# PRODUCTS

## Sealing Products

RL Hudson has three decades of experience in every aspect of seal design and production. In fact, we supply a comprehensive range of sealing products to many of the world's leading original equipment manufacturers. Our seal capabilities include time-tested designs as well as custom seals for any application.

**RADIAL LIP SHAFT SEALS** Also known as oil seals, shaft seals are used with rotating, reciprocating and oscillating shafts to contain fluids and exclude contaminants. RL Hudson offers a wide range of standard shaft seals, and designs and develops custom seals for specialized applications. Our comprehensive reference book, the *Shaft Seal Design & Materials Guide*, is available online at [RLHudson.com](http://RLHudson.com).

**O-RINGS AND BACK-UP RINGS** We specialize in high performance O-ring materials such as Fluorocarbon (FKM) for high temperature and chemical resistance, Hydrogenated Nitrile (HNBR) for high temperature, abrasion and compression set resistance, and Polyurethane for abrasion and extrusion resistance. Back-up rings to prevent extrusion under extreme pressure and operating conditions are available in high modulus rubber, Polyurethane, Hytrel® and engineering plastics such as PTFE, PPS and PEEK. Our complete reference book, the *O-Ring Design & Materials Guide*, is available online at [RLHudson.com](http://RLHudson.com).

**HYDRAULIC SEALS** We offer a complete line of hydraulic seals, including piston seals, rod seals, rod wipers, wear rings and buffer seals.

**LATHE-CUT SEALS** Lathe-cut seals are economical square or rectangular cross-section seals used in a variety of applications, including static seals and drive belts. Lathe-cut seals are available in diameters ranging from 0.25 in. (6 mm) to 7 in. (178 mm).

**GASKETS** We offer a full range of die-cut, molded and composite gaskets utilizing a wide variety of materials, including flexible graphite, PTFE, non-asbestos sheeting, cork, fiber, and metal, with or without pressure sensitive adhesive.

**LET US HELP** We also offer an unlimited variety of custom-designed seals. Our highly skilled engineering team will work with you to develop just the right seals for your applications and budget. Let us help you get the right sealing product for your next project.

