

# O Rings And Back Up Rings Hydraulic Seals Rotary Shaft

O-Rings and Back-up Rings - Trelleborg

These 325-piece assortments mean you ' ll always have a backup ring on hand. Use them to extend the life of your O-rings and improve their performance in high-pressure applications. The backup rings are made of PTFE and resist harsh chemicals such as, acetone, fluorinated solvents, methanol, and many acids.

Seal & Design, Inc - Backup rings

Back-up rings are the most common anti-extrusion devices employed in dynamic and static sealing, designed to prevent the migration of sealing material into the extrusion gap under the system pressure. Parker offers a wide range of back-up ring geometries and materials to suit every seal type and application. They are open or closed shapes for snap assembly made of a broad range of compounds ...

O-rings and Back-up rings O-Rings and Back-up Rings. ISO 9001 Your Partner for Sealing Technology Trelleborg Sealing Solutions is a major international developer, manufacturer and supplier of seals, bearings and molded components in polymers. We are uniquely placed to offer O Rings And Back Up

O-rings and back-up rings maintain sealing contact force by radial or axial deformation in the seal housing between two machine components. The most important criteria that influence the maximum operating pressure at which O-rings in static radial sealing can be used.

O-rings and back-up rings | SKF | SKF

Backup Rings Overview. To view dimensions of all American Standard Sizes for Backup Rings, scroll down to see our Backup Ring Size Chart. In a sealing application, backup rings provide added extrusion resistance and prevent damage to o-rings and seals when subjected to high pressures, larger extrusion gaps, and/or high temperatures.

Backup Rings | Global O-Ring and Seal

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Parbak Backup Rings | Performance Seals Backup O-Rings

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Backup (Parback) | O-Rings | Darcoid Nor-Cal Seal

A back-up ring is a rigid ring that holds an elastomeric seal or plastic (such as Polyethylene) connection to its designed shape and in its correct place. Back up rings are commonly used with O-rings, lip seals, and as reciprocating shaft seals. They are also used for piping connections joining two different materials - typically one flexible and one rigid.

Back-up ring - Wikipedia

BACKUP RINGS Backup rings are designed to prevent extrusion in rubber o-ring sealing systems. There are three basic types of PTFE back-up rings in use: single turn (scarf cut), multiturn (spiral cut), and solid (uncut) configurations. Our backup rings are made from either one of two materials, PTFE or rubber. Rubber backup rings are called [...]

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O-Ring Backup Rings | McMaster-Carr

575 PTFE Back-Up Rings Special Sizes; Oil Seals. OS Oil Seals; O-Rings. 568 O-Rings. 568, 55-58 Shore D PTFE ORings; 568, 70 Duro Buna-N O-Rings; 568, 70 Duro Buna-N O-Rings BULK PACKAGES; 568, 70 Duro HNBR O-Rings; 568, 70A Duro Ethylene Propylene O-Rings; 568, 70A Duro Silicone O-Rings;

Back-Up Rings - O Rings & Things

D.2 FEP/PFA encapsulated O-Rings D.3 PTFE O-Rings D.4 Polyurethane O-Rings D.5 Fleximold™ O-Rings - large dimensions D.6 Round cord rings (butt vulcanized) D.7 O-Ring surface finishing 115 Back-up Rings 117 E General Information 118 119 120 F Back-up Ring Types F.1 Overview F.2 Back-up Ring types for external sealing (Piston) F.3 Back-up ...

O-Rings and Back-up Rings - flexico

O'RINGS 1. Description O'Rings, because of their simple shape and efficiency, have been used for a number of years in diverse industrial applications - valves, industrial engines, medical equipment, agricultural equipment and construction machinery, machine tools, etc.

O'Rings and Back-up rings - FRANCE JOINT

A Back-up Ring works by blocking or reducing the extrusion gap, thus preventing the o-ring from extruding. The use of a back-up ring increases the pressure and temperature capability of o-rings. Back-up Rings can be solid, split, spiral or contoured. The split and spiral back-up rings are easier to install, especially in small diameters.

Backup O-Rings | Marco Rubber & Plastics | Custom O-Rings ...

Back-Up Rings buy on-line or call 208-413-6377 - back-up rings provide extra extrusion resistance, and prevent damage to O-Rings in applications that have high pressures, larger extrusion gaps, and/or high temperatures. Extrusion failure is a very common type of O-ring failure.

Back-Up Rings - We make getting o-rings easy!

Back up rings used with O-Rings are of two different shapes. One style has two flat sides (Hercules style 575-) and the other style has one side concave in shape (to fit the curvature of the O-Ring, Hercules style 574-) while the opposite side is flat to provide support against the metal surface.

What is a Back-Up Ring? | Rocket Seals, Inc.

Back-up rings are the most common anti-extrusion devices employed in dynamic and static sealing, designed to prevent the migration of sealing material into the extrusion gap under the system pressure. Parker offers a wide range of back-up ring geometries and materials to suit every seal type and application. They are open or closed shapes for snap assembly made of a broad range of compounds ...

Back-up Rings | Parker NA

Browse our collection of backup rings, ideal for use with O-rings. Used for sealing, place the backup ring between the extrusion gap and protect the O-ring and the overall seal. Our backup rings feature extrusion resistance, which helps to prevent O-ring failure and are composed of Buna N and Hytrel materials.

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Backup O-Rings. Backup O-rings ensure that the primary O-ring continues to provide the proper seal between opposing parts even under pressure. When first installed, O-rings are specked to fit perfectly, but when continually exposed to pressure and high temperatures, they lose material, weaken, and extrude beyond the groove in which they rest.

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