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Back-Up Rings - O Rings & Things 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 O-ring cord O-ring kit and assortment Encapsulated o-rings Square cut ring Four-sided rings; Backup Rings. The main purpose for a back up ring, is to help the seal to refrain from extruding when the seal is under a higher amount of pressure. The back up ring will "back up" the seal you have in place and help the seal to not extrude through ... O-Rings & Backup Rings - MSO Seals & Gaskets, Inc. 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 Backs-up Rings - Trelleborg 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. Parbak Backup Rings | Performance Seals Backup O-Rings Viton 90 Duro Back-Up Rings About Us Global O-Ring and Seal, LLC is a master distributor of O-Rings, Backup Rings, X-Rings, Cord Stock, and related seals, servicing industrial distributors worldwide. Category: Back-Up Rings | Global O-Ring and Seal Backup rings O-Rings and Back-up Rings. ISO 9001:2008 ISO/TS 16949:2009 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 Rings - Trelleborg Backup rings are used to prevent O-rings and lip seals from extruding into the sealing gap when subjected to high pressures. 1,500 PSI is a reasonable place to start your test. Darcoid Nor-Cal Seal has Back-up rings made from 90 durometer rubber, PTFE and plastic to keep to O-ring from extruding into the clearance gap causing seal failure. 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 [...] Seal & Design, Inc - Backup rings 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. 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 118 118 119 120 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 JOINTA 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 NABrowse 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.

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.

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