

O Ring Material Selection Guide



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O-Ring Material Selection Guide. This tool is meant to be used as a professional guide only. Because no two situations or installations are the same, these comments, suggestions, and recommendations are necessarily general and should not be relied upon by any purchaser without independent verification based on the particular installation or use

O-Ring Material Selection Guide - applerubber.com

With such a broad range of materials available, it can be tricky to select the appropriate material for any given project. So Martin's Rubber has compiled this useful O-ring material selection guide, to give you a clear insight into the advantages and disadvantages of common O-ring materials.

O-ring material selection guide | O-ring material comparison

O-ring material selection is critically important for the success of your application. The o-ring material guide below offers a quick reference of o-ring material performance for comparison. When you find one that fits your application, click on the o-ring material for a deeper dive on technical specifications to further assist you in o-ring ...

O-Ring Material Selection & Comparison | Marco Rubber

O-Ring Material Quick Reference Guide - Rubber Sealing Materials. O-ring material family chemical compatibility, temperature resistance, and other properties all factor in to o-ring material selection for an application. This popular o-ring material family comparison shows basic rubber material family properties and performance plastic properties.

O-Ring Material Reference Guide - Rubber Materials

O-Ring Materials Selection Guide » Oring Material Compatibility Information Datwyler's high performance o-rings are available in a variety of materials, in both standard and custom sizes. Our proprietary compounds are designed to perform in a wide range of applications with varying chemical exposures, pressures and temperatures.

O-Ring Materials Selection Guide - usa.datwyler.com

Material Selection Guide . This section provides a brief review of the various elastomers currently available for use in Parker's O-rings and custom elastomeric seals. Service recommendations mentioned in this section are necessarily abbreviated.

Material Selection Guide - Parker Hannifin Corporation

O-Ring Rubber Selection Guide What You Need to Know About O-Rings The temperatures it will be exposed to, especially if likely to involve extended periods below 0 ° F or over 200 ° F (-18 ° C -93 ° C); otherwise, it is unlikely that temperature ratings will be much of a factor.

O-Ring Rubber Selection Guide - Metro Industries Inc

Quickly compare o-ring materials and easily select the o-ring compounds you need for your application. Allorings.com is the world's largest o-ring inventory and offers easy online ordering.

O-Ring Material Compound Compatibility Selection Guide

'O' Ring Guide Contents Page How to use this guide Selecting an 'O' ring 4 Selecting a back-up ring 5 Selecting a material 6 How to order 7 Materials & properties General materials 8 High performance materials 9 Guide to material use 10 Service grades 10 Rapid gas decompression 11 FEP encapsulated 'O' rings 12 Back-up rings 12

'O' Ring Guide - James Walker

Parker's O-Ring Selector is an engineering tool which offers O-ring material and size selection combined in one tool. Both are interlinked, thus ensuring the best possible combination of the calculated O-ring size and material choice. The O-Ring Selector covers both imperial and metric standards.

Parker O-Ring Selector / Calculator

• Chapter 1, "O-Ring Materials" gives an overview of the common oilfield elastomers. • Chapter 2, "Selection Guide" is a chart used to select the proper material. • Chapter 3, "Common Failure Modes", helps you to diagnose and prevent common ... Appendix C - O-Ring Selection Guide Author:

O-Ring Selection Guide - datacan.ca

REFERENCE GUIDE FOR O-RING MATERIALS MATERIAL USE WITH DO NOT USE WITH COMMENTS
NITRILE (Buna-N) Air, Water, Oils, Acetone, Lube Oil, Good Wear Resistance Auto/Aircraft, Duro: 70
Standard Fuels, Gasoline, Brake Good Compression Set Resistance

MATERIAL USE WITH DO NOT COMMENTS USE WITH

O-ring selection is based on chemical compatibility, application temperature, sealing pressure, durometer, size and cost. These parameters will determine the best suited material for an application. O-rings are available in several different materials such as PTFE, Nitrile (Buna), Neoprene, EPDM Rubber and Fluorocarbon (Viton).

EPDM Rubber & Other Common O-Ring Materials - Ace Seal

Material Selection Guide When it is said that an elastomer is good for an application, it is meant that some compounds which include that elastomer are acceptable, not all. For instance, some compounds of EP are good for brake fluid applications, but most are not acceptable. Rule of Thumb
www.applerubber.com

6 Material Selection Guide - applerubber.com

The most widely used are the AMS, AS, AN, M, MS, MIL and NAS specifications. Check the Chemical Compatibility and Temperature charts and other information under Technical Information to make sure you get the best material for your application. Buna (Nitrile) - Buna is the most widely used O-Ring elastomer compound.

O-Ring Material Selection | Rocket Seals, Inc.

Selection Guide Technical Information Introduction Viton™ fluoroelastomer was introduced in 1957 to meet the needs of the aerospace industry for a high-performance seal elastomer. Since then, the use of Viton™ fluoroelastomer has expanded to many other industries, especially in the automotive, fluid power, appliance, and chemical fields.

Technical Information - Chemours

Selection Guide/Standard Size Quad-Ring® Brand Seals and Quad® Brand O-Rings Seals. Our standard Quad-Ring® Brand and O-Ring Seals are available from stock, in compound 366Y, a 70 Shore A nitrile and 514AD, a 70 Shore A fluorocarbon material.

Selection Guide - Minnesota Rubber and Plastics

The ERIKS O-ring Chemical Resistance Guide allows you to check some 20 different rubber families and some plastics against over 2000 chemicals.

Chemical Resistance Guide | O-Ring

www.parker.com

www.parker.com

O-Rings. O-Rings are the most widely used seals because they are efficient and economical and can be used in a wide variety of static and dynamic applications. O-Rings can be used to seal practically all liquid and gaseous media and they are available in elastomeric and other materials including EPDM, FKM and NBR, among others.

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