

o ring material selection pdf

O-ring material selection is critically important for the success of your application. The o-ring material comparison chart below offers a quick reference of o-ring material performance. 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

6 Material Selection Guide 60 Basic Concepts of Rubber ... Neoprene® in the O-rings of today. Material Selection Guide www.applerrubber.com 1.800.828.7745 (US & Canada Only) ☎ +1.716.684.6560 (International) ... O-ring material. Key Use(s): Seals for aircraft engines. Seals for automotive fuel handling systems. High temperature/

6 Material Selection Guide - Apple Rubber

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 - applerrubber.com

and ensures the selection of the right material and geometry for a customer's application. ... Product Lines Material Offering Compounds O-rings can be molded in a wide range of compounds in ... O-Ring Material Offering Guide 2360 Palumbo Drive, Lexington, KY 40509

Parker O-Ring Material Offering Guide

The Parker O-Ring Handbook has been a standard reference work used by seal designers for decades. It contains comprehensive information about the properties of the most important sealing elastomers, typical O-ring application examples, examples of statically acting seal designs plus descriptions of conditions that may lead to O-Ring failure.

O-Ring Guide

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

O-Ring Selection Guide Elastomers and Failure Modes DataCan. ... This document is divided into the following chapters: ☎ 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. ... The selection of a more chemically resilient ...

O-Ring Selection Guide - DataCan

O-Ring Sizing and Materials Guide Contains ISO 3601 Information ... O-rings are primarily used to prevent the loss of a fluid or gas. However, O-rings can be used as dust seals, drive belts or on rotating shafts. Most O-ring seals can be classified into one of the three

O-Ring Sizing and Materials Guide - Hi-Tech Seals

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

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

ponds to the normal aging period of the O-ring material. O-ring failure is normally gradual and easily identified. Where differing amounts of compression effect the seal function (as with flat gaskets), an O-ring is not effected because metal to metal contact is generally allowed for. They are cost-effective. Figure 1-1: Basic O ...

Parker O-ring Handbook - logwell.com

Standard sizing charts for o-rings, metric o-rings, quad-rings, x-rings, and square-rings to find the perfect fit. Engineers are available to assist with o-ring size charts, o-ring material selection, and groove design when you're ready to order o-rings.

O-Ring Size Charts " Metric O-Rings " Standard Size O-Rings

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 - manif-rubber.com

Ace Seal's O-rings are available in several materials such as PTFE, nitrile, neoprene, silicone, EDPM rubber, Fluorocarbon, and more. Choose your O-ring based on chemical compatibility, application temperature, sealing temperature, durometer and size. Contact us for more information or to request a quote.

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

O-Ring Sizes and Material Selection. Download Metric O-Ring Sizes and Standard Sizes Chart (PDF) O-Ring Standard Size AS 568A, BS 4518, GB/T 3452.1, JIS B 2401, Metric, Swedish SMS 1586 Of the many kinds of sealing technology available in products manufacturing and machine design, the use of the o-ring is perhaps the most common and extensive.

