

Composition

Pure flexible graphite

Characteristics

ZV48Z OXY rings ensure safe and reliable performance in environments with liquid and gaseous oxygen. Certified according to BAM specifications, they provide effective protection against oxidation. When used in stems, assistance from ZGR80SGR OXY braided wiper rings (BAM report 2-28/2015E) or ZV48ZN OXY nickel-reinforced graphite rings (BAM report 2-1948/2014E) is recommended.

Applications

Made with highly pure graphite, ZV48Z OXY expanded graphite rings offer high guality and reliability for applications involving liquid and gaseous oxygen.

Tech Data

Maximum Temperature C°	Maximum Oxygen Pressure bar
up to 60	420
> 60 to 280	250

Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information

The peak temperature can be sustained for short exposures The dimensional tolerances of the molded products refer to the Carrara Spa standard, unless otherwise agreed.

× BAM Report on Testing a Nonmel mber 2-1949/2014 E 1. Copy of 2 Cop Copy Cust Via Provinciale, 25030 Adro (BS Order Date August 4, 2014 Reference Order No.: 141129 August 11, 2014 Receipt of Orde Die-formed flexil OXY, undisclose ndisu , valves 's oxygei 'quid oxy_b r No.: 2 ugust 7, 2014 August 22, 2014 to February 6, 2015 Test Date Test Locatio BAM - Working Group "Safe Handling of 0 building no. 41, room no. 073 and no. 120 I EN 1797-200 Requirement SO 21010:2004-0

Graphite ring ZV48Z OXY BAM approved

ZV48Z OXY graphite rings are BAM certified for use with both liquid and gaseous oxygen. These expanded graphite rings are designed for services involving liquid and gaseous oxygen (BAM report 2-1949/2014 E), serving for stem or as fire-safe seals for closures and as packing for ball valve seats.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



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