



EZTRA®

Z011

FFKM EZTRA® 90 Black HT300

ELEVATED TEMPERATURE RESISTANCE AND BROAD CHEMICAL RESISTANCE

EZTRA®011 is suitable for most applications in temperature ranging from -10°C to 310°C.

It can offer a very broad chemical resistance in a wide variety of media including acids, caustics, ketones, aldehydes, esters, ethers, methanol, solvents, sour gases, hydrocarbons, steam, hot water and mixed process streams along with excellent thermal resistance. Most of elastomers experience severe blistering or cracking when the forces of these expanding gases overcome the strength of the surrounding material.

PLUS

Material can offer an excellent Anti Explosive Decompression (AED) behavior coupled obviously with well-known definition of Rapid Gas Decompression (RGD): phenomenon that often occurs when high pressure gas molecules migrate into an elastomer at a compressed state. **EZTRA®011 Can avoid this phenomena and can be certified according to NORSOK M-710!**

CERTIFICATIONS

NORSOK M-710

APPLICATIONS

MECHANICAL SEALS	PUMP HOUSING	COUPLING/FITTINGS
SPRAYERS/DISPENSER	REACTORS	VALVES

GENERAL CHARACTERISTICS

General applications:	High Temperature
Colour:	Black
Temperature Range:	From -10°C to +300°C From -10°C to +310°C (peaks)

PHISICAL AND MECHANICAL PROPRIETIES

Density	DIN EN ISO 1181-1A	g/cm³	1.96 ± 0.03
Hardness	DIN EN ISO 868	m-IRHD	90 ± 5
Tensile Strength	DIN 53504 S2	MPa	>19
Elongation	DIN 53504 S2	%	>90

LOW TEMPERATURE RESISTANCE

TRI0	ASTM D1329	°C	<-1
------	------------	----	-----

FROM **EZTRA** SMALL TO **EZTRA** LARGE
O-Rings Diameter from 1.00 mm to infinity... AND NOT ONLY

PRODUCTS

O-RINGS CORD

TECHNICAL PARTS

CHEMICAL RESISTANCE

Aldehydes	A1
Alcohols	A1
Alkalis	A1
Amines (RT)	A1
Esters	A1
Ethers	A1
Hot Amines	A3
Hydrocarbons	A1
Inorganic Acids	A1
Ketones	A1
Organic Acids	A1
Strong Oxidezers	A1
Sour Gas	A2
Water/Steam	A1
Florinated Fluids	A3

COMPRESSION SET TESTS

48h@300°C	ISO 815-1	<45%
72h@300°C	ISO 815-1	<55%

The properties and recommendations given on this data sheet are based on our experience and testes based on the best of our knowledge true and accurate carried out by OringOne. They should not be regarded as specifications but only as a typical properties of the material describe. They are intended for use by persons having technical skill and their own discretion and risk; Since the conditions of use are outside our control, nor have we designed the product shape, we can make warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein shall be construed as a recommendation to infringe any patent or violate law.