



EZTRA®

Z009

FFKM EZTRA® 60 Black CH

CHEMICAL AGGRESSION RESISTANCE CONSIDERED UNIVERSAL BLACK COMPOUND

EZTRA®009 can provide un matched strength characteristics. The chemical aggression resistance series offers the highest level of protection against O-Ring degradation due to chemical and physical factors, so, the best compromise between high temperature resistance and exceptional performance in chemically aggressive environments.

It is suitable for the most static applications in maximum temperature ranging from -20°C to 275°C, based on the maximum exposure limit and offers exceptional resistance to: aggressive media such as hot organic and inorganic acids, caustics, ketones, aldehydes, esters, ethers, alcohols, fuels, solvents, sour gases, hydrocarbons, steam, hot water, ethylene and propylene oxide and mixed process streams.



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

Material developed for using in the food, beverage industry as well as in the medical/pharmaceutical field. Material suitable on the most common or major chemicals plants.

APPLICATIONS

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

GENERAL CHARACTERISTICS

General applications:	All Chemicals
Colour:	Black
Temperature Range:	From -10°C to +260°C From -20°C to +275°C (peaks)

PHISICAL AND MECHANICAL PROPRIETIES

Density	DIN EN ISO 1181-1 A	g/cm ³	2.06 ± 0.03
Hardness	DIN EN ISO 868	m-IRHD	60 ± 5
Tensile Strength	DIN 53504 S2	MPa	>14
Elongation	DIN 53504 S2	%	>150

LOW TEMPERATURE RESISTANCE

TR10	ASTM D1329	°C	<-1
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PRODUCTS

O-RINGS	CORD
TECHNICAL PARTS	

CHEMICAL RESISTANCE

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

COMPRESSION SET TESTS

48h@200°C	ISO 815-1	<25%
72h@200°C	ISO 815-1	<35%

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.

A3 -35%SWELLING

A2-25%SWELLING

A1 -10%SWELLING