



EZTRA®

Z003

FFKM EZTRA® 75 Black CH FDA

CHEMICAL RESISTANCE WITH PLUS PERFORMANCE ON FOOD BEVERAGE AND MEDICAL APPLICATIONS

EZTRA®003 that best reconciles widest range of aggressive media sealing capabilities along with the best compression set values on his family.

It is suitable for the most static applications in the maximum temperature ranging from -20 °C to 275°C, to be considered as the maximum peak of exposition. Offering outstanding 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.

CERTIFICATIONS

FDA 21 CFR 177.2600

Governs "Rubber articles intended for repeated use" in contact with food, specifying migration limits for substances that might transfer from the rubber to food.

USP CLASS VI <87>

3-A SANITARY

USP CLASS VI <88>

APPLICATIONS

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

GENERAL CHARACTERISTICS

General applications:	Food&Beverage + Medical
Colour:	Black
Temperature Range:	From -10°C to +260°C
	From -20°C to +275°C (peaks)

PHISICAL AND MECHANICAL PROPRIETIES

Density	DIN 53479	g/cm ³	2.14 ± 0.03
Hardness	DIN 53505	m-IRHD	75 ± 5
Tensile Strength	DIN 53504 S2	MPa	>16
Elongation	DIN 53504 S2	%	>160

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 Oxidezers	A1
Sour Gas	A1
Water/Steam	A1
Florinated Fluids	A3

COMPRESSION SET TESTS

48h@200°C	ISO 815-1	<25%
72h@225°C	ISO 815-1	<30%

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.