



EZTRA®

Z023

FFKM EZTRA® 75 White CH FDA

CHEMICAL RESISTANCE WITH PLUS PERFORMANCE ON FOOD BEVERAGE AND MEDICAL APPLICATIONS

EZTRA®023 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 applications in temperature ranging from **-20°C to 260°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.

PLUS

White material, perfect for applications where contamination from carbon black must be prevented and where developed and approved for using in the food and beverage industry as well as in the medical/pharmaceutical field.

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: White

Temperature Range: From -15°C to +250°C

From -20°C to +260°C (peaks)

PHISICAL AND MECHANICAL PROPRIETIES

Density ASTM D 297 g/cm³ 2.49 ± 0.03

Hardness ASTM D 2240 m-IRHD 75 ± 5

Tensile Strength ASTM D 412-C MPa >13

Elongation ASTM D 412-C % >150

LOW TEMPERATURE RESISTANCE

TR10 ASTM D1329 °C <-1

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	A2
Water/Steam	A2
Florinated Fluids	A3

COMPRESSION SET TESTS

48h@200°C	ISO 815-1	<20%
72h@200°C	ISO 815-1	<30%

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