

EZTRA[®]

Endless O-Rings Perfluoroelastomers

EZTRA[®] products offer unrivalled strength characteristics .

Whether it's chemical aggression or extremely high temperatures, they offer very high standards that cannot be reached by ordinary elastomers. This translates into a higher level of plant and process safety by significantly reducing the risk of contamination, breakdowns and interruptions.

The cost-efficiency ratio of the O-Ring is dramatically reduced with **EZTRA**[®], allowing you to drastically cut down on plant downtime and costs while ensuring high-efficiency values.

The **EZTRA**[®] products in this family are developed and manufactured to maintain their physical and mechanical properties for long periods at temperatures above 300°C with peaks of up to 330°C.

EZTRA[®] **002** excellent resistance performance at temperatures up to 320°C and good general chemical resistance.

EZTRA[®] **002**
O-Rings

General Application

Temperature Range

From **-10°C**

To **320°C**

Color

Black

Curing

Peroxide

Application Target

High Temperatures

Compliances

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	ISO 2781	g/cm ³	1,94 ± 0,03
Hardness	D2240	ShA	75 ± 5
Tensile Strength	D1414	N/mm ²	>15
Elongation	D1414	%	>140
TR 10	ASTM D1329	°C	<-1
Brittle Point	ISO 974	°C	
C. Set 70h @200°C	ISO 815	%	<21
C. Set 70h @275°C	ISO 815	%	<49

Note

CHEMICAL RESISTANCE OVERVIEW

RATING SYSTEM	A1: <10% SWELLING A2: <25% SWELLING A3: <35% SWELLING
Aldehydes	A1
Alcohols	A1
Alkalis	A1
Amines (RT)	A3
Esters	A1
Ethers	A1
Flourinated fluids	A3
Hot Amines	A3
Hydrocarbons	A2
Inorganic Acids	A1
Ketones	A1
Organic Acids	A1
Strong Oxidizers	A1
Sour gas	A2
Water/Steam	A2

Disclaimer

Tests performed on test slabs.
Temperatures, applications and indications are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

AGEING PROPERTIES

Air 70h 300°C TEST STD ASTM D573	Property	Unit	Value
	Hardness Change	ShA	+1.5
	Tensile Strength	%	-35
	Elongation	%	-17
	Volume	%	
	Weight	%	-1.3

Air 70h 275°C TEST STD ASTM D573	Property	Unit	Value
	Hardness Change	ShA	+1
	Tensile Strength	%	-10
	Elongation	%	-15
	Volume	%	
	Weight	%	+0.3

MEK 168h 40°C TEST STD ASTM D471	Property	Unit	Value
	Hardness Change	ShA	-3.5
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+5.0
	Weight	%	

Fuel M15 500h 40°C TEST STD ISO 1817	Property	Unit	Value
	Hardness Change	ShA	-6.0
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+7.0
	Weight	%	