

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[®] **001** obtains an excellent resistance to high temperatures together with a good general chemical resistance.

It is also used for its excellent behavior under high pressure conditions.

EZTRA[®] **001**
O-Rings

General Application**Temperature Range**From **-15°C**To **300°C****Color**

Black

Curing

Triazinic

Application Target

High Temperatures

Compliances**Note**

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
<i>Density</i>	ISO 2781	g/cm ³	2,02 ± 0,03
<i>Hardness</i>	D2240	ShA	75 ± 5
<i>Tensile Strength</i>	D1414	N/mm ²	>18
<i>Elongation</i>	D1414	%	>130
<i>TR 10</i>	ASTM D1329	°C	
<i>Brittle Point</i>	ISO 974	°C	<0
<i>C. Set 70h @200°C</i>	ISO 815	%	<13
<i>C. Set 70h @275°C</i>	ISO 815	%	<19

CHEMICAL RESISTANCE OVERVIEW

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

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 168h 300°C TEST STD ISO 188	Property	Unit	Value
	Hardness Change	ShA	+1.5
	Tensile Strength	%	-26
	Elongation	%	+5.2
	Volume	%	
	Weight	%	

Acetone 72h 23°C TEST STD ISO 1817	Property	Unit	Value
	Hardness Change	ShA	+1
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+0.7
	Weight	%	+0.6

Acetone <i>(after drying)</i> TEST STD ISO 1817	Property	Unit	Value
	Hardness Change	ShA	+0.5
	Tensile Strength	%	
	Elongation	%	
	Volume	%	-0.8
	Weight	%	-0.1