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 safaty by significantly reducing the risk of contamination, breackdowns 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.

When the intrinsic characteristic of perfluoroelastomers are also to resist low temperatures, **EZTRA® Low Temp** è la scelta ideale. **EZTRA® Low Temp products** extend the existing ability to resist chemical aggression up to 40°C below zero.

EZTRA® 006 is a peroxy FFKM that combines excellent resistance to low temperatures with excellent resistance to the most varied chemical substances.

EZTRA 006 O-Rings

General Application Temperature Range
From **-42°C**
To **240°C**

Color
Black

Curing
Peroxide

Application Target
Low Temperatures

Compliances

Note

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	ISO 2781	g/cm³	1,95 ± 0,03
Hardness	ISO 7619-1	ShA	75 ± 5
Tensile Strength	ISO 37	N/m m²	>14
Elongation	ISO 37	%	>240
TR 10	ASTM D1329	°C	<-30
Brittle Point		°C	
C. Set 70h @200°C	ASTM D395	%	<30
C. Set 70h @275°C	ASTM D395	%	

CHEMICAL RESISTANCE OVERVIEW

RATING SYSTEM	**A1: <10% SWELLING** **A2: <25% SWELLING** **A3: <35% SWELLING**
Aldehydes	A1
Alcohols	A1
Alkalis	A2
Amines (RT)	A2
Esters	A1
Ethers	A1
Flourinated fluids	A2
Hot Amines	A2
Hydrocarbons	A1
Inorganic Acids	A1
Ketones	A1
Lubricants	A1
Organic Acids	A2
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

	Property	Unit	Value
NH_3(28%) 336 h 100°C TEST STD ISO 1817	Hardness Change	ShA	-3,0
	Tensile Strength	%	-13,0
	Elongation	%	+6,0
	Volume	%	+6,7
	Weight	%	

	Property	Unit	Value
H_2SO_4 (98%) 168h 65°C TEST STD ISO 188	Hardness Change	ShA	-9,0
	Tensile Strength	%	
	Elongation	%	
	Volume	%	+9,9
	Weight	%	

	Property	Unit	Value
H_2NO_3 (65%) 72h 80°C TEST STD ISO 1817	Hardness Change	ShA	-9,0
	Tensile Strength	%	
	Elongation	%	
	Volume	%	
	Weight	%	+7,4

	Property	Unit	Value
Methanol 168h 23°C TEST STD ISO 188	Hardness Change	ShA	-1,0
	Tensile Strength	%	-8,0
	Elongation	%	+6,0
	Volume	%	+0,8
	Weight	%	