



Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product, and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such product.  
02/2022

## Sealing Solutions

evolast® V7FD, designed specifically for chemical process industry, made with FDA compliant elastomer.

evolast® V7FD provides superior chemical resistance and low contamination by extractable substances in pharmaceutical and food handling applications.

evolast® V7FD has a temperature range from **-15°C** to **+270°C**.

### evolast® V7FD qualifications:

- according to FDA
- according to USP Class VI
- Superior chemical resistance
- Low contamination by extractable substances

Our evolast® V7FD is available for production of O-Rings (with diameters from **1 mm** up to **2000 mm**) and every shape of seal customer-designed.

## Typical Properties

### Physical properties

	test method	unit	typical value
Color			green
Specific Gravity	ASTM D1817	g/cm <sup>3</sup>	2.42
Hardness	ASTM D2240	Shore A	75

### Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	26
Elongation at break	ASTM D412	%	135
Tensile strength	ASTM D412	MPa	14

### Thermal properties

	test method	unit	typical value
Service temperature range		°C	-15 to +270

## Applications

Valves- Pumps  
 Mechanical seals  
 Sprayer  
 Biomedical equipment  
 Food equipment  
 Fermenters

