



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.  
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## Sealing Solutions

evolast® N794, designed specifically for chemical process industry.

evolast® N794 is an excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast® N794 has a temperature range from **-25°C** to **+270°C**.

### evolast® N794 qualifications:

- High temperature capability
  - FDA 21 CFR 177.2600 \*
  - FDA 21 CFR 177.2400 \*
  - 3A-Sanitary Standard \*
  - USP Class VI
  - Broad chemical resistance
  - Excellent compression-set resistance
- \* (Valid until 30.09.2023)

Our evolast® N794 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			black
Specific Gravity	ASTM D297	g/cm <sup>3</sup>	2.00
Hardness	ASTM D2240	Shore A	70

### Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200°C)	ASTM D395	%	18
Elongation at break	ASTM D1414	%	170
Tensile strength	ASTM D1414	MPa	18

### Thermal properties

	test method	unit	typical value
Service temperature range		°C	-25 to +270

## Applications

Valves  
Pumps  
Mechanical seals  
Sprayer  
Compressors  
Reactors

