



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® 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

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 ³	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

