



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® N697 designed specifically for chemical process industry where excellent low temperature capabilities are required.

evolast® N697 provides superior chemical resistance including heat transfer oils.

evolast® N697 has a temperature range from **-40°C** to **+260°C**.

evolast® N697 qualifications:

- g FDA CFR 177.2600 (global migration) *
- g FDA CFR 177.2400 (global migration) *
- * (Valid until 30.09.2023)
- g Excellent ultra low temperature capabilities.
- g Broad chemical compatibility including heat transfer oils.

Our evolast® N697 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 D1817	g/cm ³	2.03
Hardness	ASTM D2240	Shore A	66

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	27
Elongation at break	ASTM D412	%	235
Tensile strength	ASTM D412	MPa	13.8

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-40 to +260

Applications

Drilling Tools
Valves
Pumps
Mechanical seals
Sprayer
Compressors
Reactors

