



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® N9ED offers an excellent Anti Explosive Decompression (AED) behaviour (approved **NORSOK M710**), with a superior chemical compatibility and high temperature performance.

evolast® N9ED is well suited in a wide range of applications, from drilling tools to pumps and valves.

evolast® N9ED has a temperature range from **-15°C** to **+260°C** (short time **+280°C**).

evolast® N9ED qualifications:

- **NORSOK M710 (AED) – 5.33 mm**
- **NACE TM0187 (sour gas environment) –20% H₂S Sour**
- **fluid test Arrhenius ISO 23936-2/NORSOK M710-3**
- High temperature resistance
- Broad chemical resistance

Our evolast® N9ED 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	2.02
Hardness	ASTM D2240	Shore A	90

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200°C)	ASTM D395	%	20
Elongation at break	ASTM D1414	%	118
Tensile strength	ASTM D1414	MPa	18.4

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-15 to +260

Applications

Valves
Pumps
Drilling tools
Perforating equipments

