



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<sup>®</sup> N7HC, designed specifically for chemical process industry.

evolast<sup>®</sup> N7HC provides superior superior service life in hot water, steam and amine.

evolast<sup>®</sup> N7HC has a temperature range from **-20°C** to **+260°** (short time **280°**).

### evolast<sup>®</sup> N7HC qualifications:

- Superior resistance in hot water, steam and amine
- Excellent chemical resistance
- Low compression-set

Our evolast<sup>®</sup> N7HC 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 <sup>3</sup>	2.01
Hardness	ASTM D2240	Shore A	75

### Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	22
Elongation at break	ASTM D412	%	130
Tensile strength	ASTM D412	MPa	21

### Thermal properties

	test method	unit	typical value
Service temperature range		°C	-20 to +260

## Applications

Valves  
Pumps  
Mechanical seals  
Sprayer  
Compressors  
Reactors

