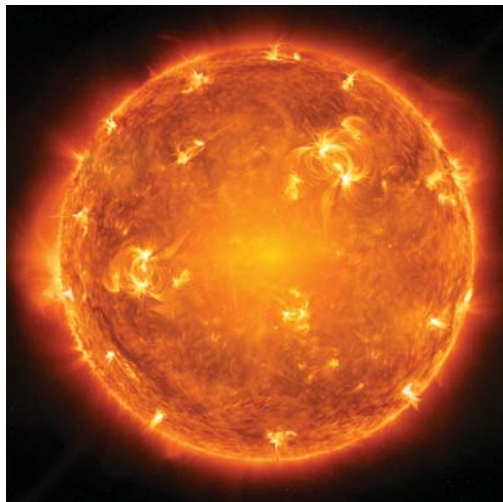


## Material Information

**evolast<sup>®</sup> N896**  
**Material No. 2175-10303**



## Sealing Solutions

evolast<sup>®</sup> N896, designed specifically for chemical process industry, exhibits outstanding high-temperature properties (from -15°C to +330°C; short time at +350°C) and a low compression-set.

evolast<sup>®</sup> N896 is an excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast<sup>®</sup> N896 is recommended for extremely severe applications where difficult and costly maintenance strongly asks for reduction of process downtimes.

### evolast<sup>®</sup> N896 qualifications:

- Low compression-set at continuous temperature up to +330° (short time at +350°C)
- Superior service life in aggressive chemicals including heat transfer oils
- Excellent chemical resistance

Our evolast<sup>®</sup> N896 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>	1.98
Hardness	ASTM D2240	Shore A	75

### Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 280 °C)	ASTM D395	%	35
Elongation at break	ASTM D1414	%	150
Tensile strength	ASTM D1414	MPa	18

### Thermal properties

	test method	unit	typical value
Service temperature range		°C	-15 to +330

## Applications

- Valves
- Pumps
- Mechanical seals
- Sprayer
- Couplings
- Reactors

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.  
 01.2017