



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® B795, designed specifically for chemical process industry and is FDA conform.

evolast® B795 provides superior chemical resistance and is an excellent choice for use in aggressive chemicals, acids, bases, steam, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast® B795 has a temperature range from **-15°C** to **+300°C**.

### evolast® B795 qualifications:

- according to FDA **21 CFR 177.2600**
- according to USP Class VI and **3A-Sanitary Standard**
- High temperature capability
- Superior chemical resistance

Our evolast® B795 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			cream white
Specific Gravity	ASTM D1817	g/cm <sup>3</sup>	<b>2.4</b>
Hardness	ASTM D2240	Shore A	<b>73</b>

#### Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	<b>24</b>
Elongation at break	ASTM D412	%	<b>130</b>
Tensile strength	ASTM D412	MPa	<b>13</b>

#### Thermal properties

	test method	unit	typical value
Service temperature range		°C	<b>-15 to +300</b>

### Applications

Valves  
Pumps  
Mechanical seals  
Sprayer  
Compressors  
Reactors

