



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® B894, designed specifically for chemical process industry, made with FDA compliant elastomer.

evolast® B894 provides superior chemical resistance and low contamination by extractable substances in pharmaceutical and food handling applications.

evolast® B894 is an excellent choice for use in aggressive chemicals, acids, bases, steam, amines, organic and inorganic media, methanol, TBA and MTBE, esters, ethers.

evolast® B894 has a temperature range from **-20°C to +270°C**.

evolast® B894 qualifications:

- according to FDA **21 CFR 177.2400**
- according to USP Class VI and 3A-Sanitary Standard
- Superior chemical resistance
- Low contamination by extractable substances

Our evolast® B894 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			white
Specific Gravity	ASTM D1817	g/cm ³	2.43
Hardness	ASTM D2240	Shore A	80

Mechanical properties

	test method	unit	typical value
Compression set (70 hours, 200 °C)	ASTM D395 B/1	%	26
Elongation at break	ASTM D412	%	105
Tensile strength	ASTM D412	MPa	13.5

Thermal properties

	test method	unit	typical value
Service temperature range		°C	-20 to +270

Applications

Valves- Pumps
Mechanical seals
Sprayer
Biomedical equipment
Food equipment
Fermenters

