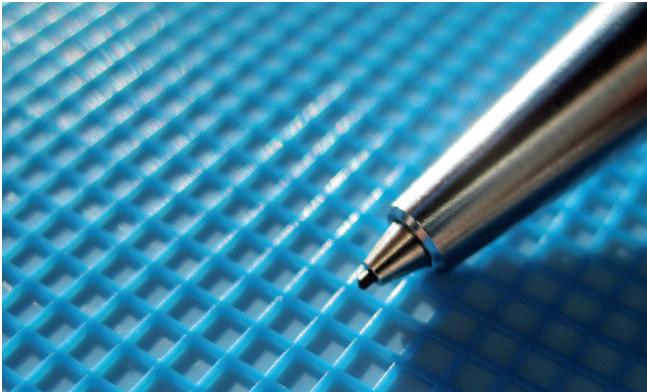


FREUDENBERG UNIVERSAL PERFOSEAL GASKET FOR FUEL CELLS FOR PEMFC (LT+HT) AND DMFC

TECHNICAL DATA

PERFOSEAL



PERFOSEAL is a universal designed sheet gasket allowing safe sealing with low compression forces and compensation of high component tolerances.

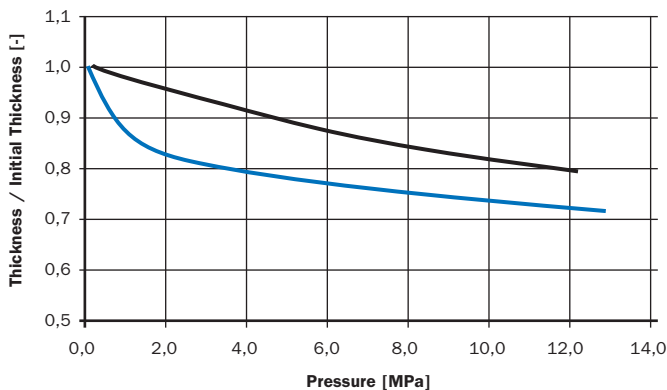
ADVANTAGES FOR THE CUSTOMERS

- no tooling costs
- fast delivery
- customized seal design with variable thicknesses

SHEET MATERIAL IS AVAILABLE FOR

- standard and medium temperature PEMFC and DMFC (up to 130 °C)
- high temperature PEMFC (up to 200 °C)

DEFORMATION CURVES 65 FC-FKM 100



STANDARD FLAT SHEET 65 FC-FKM 100

- requires high compression force
- allows compensation of small tolerances only

PERFOSEAL "ICE CUBE" 65 FC-FKM 100

- low compression force
- allows compensation of high tolerances

All values represent averages which are subject to normal production tolerances. The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

CONTACT

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