DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

Material
90 FKM V905Z

Version	Released on
01	30.09.2021

General Data

Colour:	Black
Type of cross-linking:	Bisphenol cure system

Physical Properties	**Nominal Range**	**Typical Value**	
Density ASTM D297		1.84	g/cm³
Hardness ASTM D2240, Shore A		90	Shore
Modulus 100 %, ASTM D412		14.3	MPa
Tensile strength ASTM D412		15.8	MPa
Elongation at break ASTM D412		115	%
Compression set ASTM D395, 22 h, 200 °C		12.2	%

Temperature Range

static:	-32 to 204 °C

This data sheet supersedes all previous versions. The content is subject to change without prior notice. 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.

Print date: 23.06.2026

Freudenberg Industrial Services GmbH
Global Material Technology
Email: FIS.Compound.CRC@fst.com

End of Document

Freudenberg Industrial Services GmbH
Global Material Technology
Email: FIS.Compound.CRC@fst.com