DICHTOMATIK

FREUDENBERG
SEALING TECHNOLOGIES

Material
75 VMQ S755FMD

Version	Released on
01	22.03.2024

General Data

Colour:	Red
Type of cross-linking:	Peroxidic

Physical Properties	Nominal Range	Typical Value	
Density ASTM D297, 23 °C		1.34	g/cm³
Hardness ASTM D2240, Shore A, 23 °C	75 ±5	76	Shore
Modulus 100 %, ASTM D412		3	MPa
Modulus 200 %, ASTM D412, 23 °C		5	MPa
Modulus 300 %, ASTM D412, 23 °C		7	MPa
Tensile strength ASTM D412	>3	8	MPa
Elongation at break ASTM D412	>75	339	%
Tear strength ASTM D624, C, 23 °C		0.0026	KN/m
Tear strength ASTM D624, B, 23 °C		0.0019	KN/m

Temperature Range

static:	-55 to 200 °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

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Global Material Technology
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Regulatory Material Information for 75 VMQ S755FMD

This overview reflects the current available conformity documents for this specific material only, applicable at the date of issue identified below, to the best of our knowledge. It is for information purposes only and does not replace the Declarations of Conformity (DoC) or other article or product-based assessments. The DoC are available upon request under the conditions, limitations, and validity periods specified therein.

Declaration of Compliance for - Food & Beverage are available upon request. Please contact your known sales contact or send an email to info@fst.com.

Issue Date: 23.06.2026
It is valid until the mentioned expiry dates or other legal changes become effective.

Disclaimer:

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

These declarations are based on our technical state of the art level of knowledge and the regulations applicable on the date of issuance. Recommendations for use or any other descriptions or technical characteristics do not constitute any kind of warranty or guarantee (within the meaning of §§ 434, 435, 443, 444 or 633, 639 of the German Civil Code (BGB)), whether express or implied, or of any fitness or suitability for a particular purpose. It is the user's sole responsibility to determine whether the provided information is appropriate and complete for its purposes and the intended use.

The user bears any product safety and product liability risk including risks of end users or consumers such as risk or danger for life, body or health including compliance with statutory or other regulatory or administrative requirements or technical norms relevant for the components or end products including e.g. declarations of conformity, certificates, approvals or third-party verifications, requirements regarding CE marking, market or product safety requirements or other regulatory requirements.

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