Material
PTFE F52819

Version	Released on
01	01.09.2017

General Data

Colour: White

Physical Properties	**Nominal Range**	**Typical Value**	
Density DIN EN ISO 1183-1, 23 °C	2.17 ±0.03	2.16	g/cm³
Hardness DIN ISO 7619-1, Shore D, 23 °C, cylinder diam. 50x50 mm, after 3 s	58 +2 /-3	58	Shore
Tensile strength DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>25.5	28.2	MPa
Elongation at break DIN EN ISO 527-1, FD-105, 23 °C, Cross Direction	>265	304	%

Temperature Range

static: -200 to 260 °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 FST GmbH
Technology & Innovation Material Compliance
Email: MaterialCompliance@fst.com

Regulatory Material Information for PTFE F52819

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.

Overview Material related documents:	**Release Date**	**Expiration Date**
ADI Free	05.10.2024	05.10.2029

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.

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Freudenberg FST GmbH
Technology & Innovation Material Compliance
Email: MaterialCompliance@fst.com

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Freudenberg FST GmbH
Technology & Innovation Material Compliance
Email: MaterialCompliance@fst.com