Material
ECO MT0504

Polyamide fabric + elastomeric rubber

Version	Released on
02	28.02.2022

General Data

Colour: Black

Physical Properties	**Nominal Range**	**Typical Value**	
Thickness DIN EN ISO 2286-3	1 ±0.1		mm
Width DIN EN ISO 2286-1	1500 ±100		mm
Grammage DIN EN ISO 2286-2	1280 ±160		
Tensile strength DIN EN ISO 1421,Verfahren 1,längs Kette/warp	>2000		N/5cm
Tensile strength DIN EN ISO 1421,Verfahren 1,quer Schuß/weft	>2000		N/5cm
Elongation at break DIN EN ISO 1421,Verfahren 1,längs Kette/warp	>15		%
Elongation at break DIN EN ISO 1421,Verfahren 1,quer Schuß/weft	>20		%
Bursting pressure DIN EN ISO 13938-1, 50 cm²	>15		bar
swelling, weight gain DIN ISO 1817, Isooctan/Toluol (70:30), 72 h, 23 °C, einseitig	<10		%
swelling, weight gain DIN ISO 1817, IRM 902, 72 h, 100 °C, all-sided	>10		%

Temperature Range

static: -35 to 130 °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

End of Document

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