

PTFE Coated Glass Cloth Datasheet

Product Code: RC0381-0.08

Product Description

PTFE-coated glass cloth seamlessly blends the advantageous qualities of PTFE with the mechanical strength of glass cloth. This material boasts exceptional heat and chemical resistance, coupled with excellent non-stick properties.



Technical Specification

Property	Value
Glass Style	Singles
Thickness	0.08mm
Weave	Plain
Base Weight	49 g/m ²
Coated Weight	150 g/m ²
PTFE Coating	68%
Surface Texture	Smooth
Tensile Warp	180
Tensile Weft	140
Temperature Resistance	PTFE begins to soften at 260°C, increasing wear rate. Somewhat above 300°C, fumes are given off and these should not be inhaled.
Additional Information	The fabric can eventually discolour in sunlight (turns white), but otherwise is unaffected by biological or chemical agents, heat or cold within its temperature range, or by most areas of the electric magnetic spectrum.



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Adhesive Backed Fabric	Value
Coated Fabric Thickness	0.08mm
Coated Fabric Weight	150 g/m ²
Adhesive Weight	55 g/m ²
PTFE Coating	68%
Coating Adhesion (N/5cm)	NA
Peel Adhesion (M/2.5cm)	12
Surface Resistance (Ω/m ²)	Insulative
Warp Tongue Tear Strength (N)	15
Warp Tensile Strength (N/5cm)	1000
Temperature Resistance	-72°C to 260°C



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