

Material Data Sheet

PTFE coated glass fabric, Type 5038

Material: PTFE coated glass fabric
 Description: Type 5038
 Colour: brown (natural)

Testing	Test value	Unit	Test standard
Nominal Thickness	0,070	mm	
Coating	64	%	± 2%
Total PTFE coated fabric weight	135	g/m ²	± 5%
Tensile Strength; Warp typical / minimum	800 / 500	N/5cm	ISO 1421
Tensile Strength; Weft typical / minimum	800 / 500		
Tear Strength; Warp typical / minimum	15 / 10	N	ISO 9073-4
Tear Strength; Weft typical / minimum	10 / 8		
Dielectric Breakdown typical	2500	V	BS2782 part 2
	minimum		
Operating Temperature	-73 to +260	°C	-

Main features	The PTFE surface exhibits good release properties in demanding high temperature applications.
Preferred fields	This type is used extensively in the packaging industry for covering elements, impulse wires and L-Bar sealers.
Conditions of storage:	Recommendation: <ul style="list-style-type: none"> - Indoors in clean rooms at room temperature; ≈ 20°C / ≈ 50% rel. humidity. - Storage away from direct sunlight. - Avoid direct contact with liquid water before application of the tape.
Shelf life:	- Min. shelf life of 18 months after production date.
Conformities:	<ul style="list-style-type: none"> - EC 1907/2006 (REACH) incl. EU 2021/1297. - EU guidelines: 2011/65/EC (RoHS); 2015/863/EC (RoHS 3) - EU Regulation EC 2019/1021 Persistent Organic Pollutants (POPs) - EU Regulation EC 2018/851, 94/62 and 2004/14/EC.

This information is based on our available data. These values are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.

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