

Material Data Sheet

PTFE coated glass fabric, Type 5108

Material: PTFE coated glass fabric
 Description: Type 5108
 Colour: brown (natural)

| Testing | Test value | Unit | Test standard |
|--|-------------|------------------|---------------|
| Nominal Thickness | 0,215 | mm | |
| Coating | 55 | % | ± 2% |
| Total PTFE coated fabric weight | 455 | g/m ² | ± 5% |
| Tensile Strength; Warp typical / minimum | 2500 / 2000 | N/5cm | ISO 1421 |
| Tensile Strength; Weft typical / minimum | 1800 / 1300 | | |
| Tear Strength; Warp typical / minimum | 40 / 25 | N | ISO 9073-4 |
| Tear Strength; Weft typical / minimum | --- | | |
| Coating Adhension Strength typical / minimum | 30 / 25 | N/5cm | ISO 2411 |
| Dielectric Breakdown | typical | 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 for platen and element covers in a variety of industries and for lining chutes and other feed mechanisms.. |
| 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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