

Material Data Sheet

PTFE skived foil, self-adhesive, Type A05SK

Material: PTFE skived foil
 Description: Type A05SK, self-adhesive
 Colour: grey (natural) + yellow liner

Testing	Test value	Unit	Test standard
Nominal Thickness, PTFE skived foil	0,125	mm	
Adhesive Type	Silicone		
Adhesive Thickness	0,050	mm	ISO 2286-3
Total Product Thickness	0,175	mm	
Adhesive Strength typical / minimum	10 / 8	N/25,4mm	ISO 8510-2
Operating Temperature	-73 to +260	°C	-

Main features	This type is a skived, virgin PTFE foil with a high performance, silicone pressure-sensitive adhesive on one side. The PTFE foil surface exhibits good release properties in demanding high temperature applications. The product has a yellow corrugated liner to protect the adhesive surface and to ease identification and use.
Preferred fields	Mainly used as a high temperature release material in the automotive, aerospace and composite industries as well as in cable wrap applications.
Conditions of storage:	Recommendation: - Indoors in clean rooms at room temperature; $\approx 20^{\circ}\text{C}$ / $\approx 50\%$ 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:	- 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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