tesa® 4818

Product Information

Heat Seal Release Tape

Product Description

The pressure-sensitive adhesive tape consist of a PTFE-saturated glass cloth and a silicone adhesive.

Product Features

- low friction
- anti-stick properties on its surface
- It is is chemically, mechanically, and thermally resistant.

Application Fields

- Providing anti-stick properties to the equipment for heat sealing of films in packaging lines of various industries
- Masking applications above 200°C
- Gliding properties for material transportation

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

• Backing	PTFE coated glass cloth	• Total thickness	180 µm
		• Thickness of tape	_NULL µm
• Type of adhesive	silicone		
• Type of liner	none		

Properties/Performance Values

• Elongation at break	5 %	• Hand tearability	low
• Tensile strength	310 N/cm	• Mesh	108 threads/inch^2
• Abrasion resistance	very good	• Operation temperature up to	260 °C
• Available as Spools	no	• Suitable for die cutting	yes
• Dielectric breakdown voltage	4900 V	• Tensile strength (crosswise)	490 N/cm
• Easy to remove	yes	• Unwind force	4.5 N/cm
• Easy to write on	no		

Adhesion to Values

• Steel	4.5 N/cm

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