tesa® 51908

Product Information

Double-sided filmic tape

Product Description

tesa® 51908 is a transparent double-sided tape consisting of a PP-film backing and a tackified acrylic adhesive.

tesa® 51908 features especially:

- Secure bond on PE and PP
- Product can be easily cut with common hot wire systems

Application Fields

- Permanent bag sealing for PE/PP and polymer bags
- Permanent bag sealing for medical pouches

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 material	PP film	• Color	transparent, optically clear
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Colour of liner	red, transparent
		• Thickness of liner	80 µm
		• Weight of liner	72 g/m²
• Type of liner	MOPP		
• Total thickness	100 µm		

Properties/Performance Values

• Elongation at break	140 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	good
• Chemical resistance	good	• Temperature resistance long term	80 °C
• Humidity resistance	very good		
• Softener resistance	medium, good	• Temperature resistance short term	120 °C

For latest information on this product please visit http://l.tesa.com/?ip=51908

tesa® 51908

Product Information

Adhesion to Values

- ABS (initial) 7.9 N/cm
- ABS (after 14 days) 10.7 N/cm
- Aluminium (initial) 6.6 N/cm
- Aluminium (after 14 days) 9.7 N/cm
- PC (initial) 8.5 N/cm
- PC (after 14 days) 11.3 N/cm
- PE (initial) 3.5 N/cm
- PE (after 14 days) 4.3 N/cm
- PET (initial) 6 N/cm
- PET (after 14 days) 8.5 N/cm
- PP (initial) 5.1 N/cm
- PP (after 14 days) 6.2 N/cm
- PS (initial) 7.2 N/cm
- PS (after 14 days) 10.7 N/cm
- PVC (initial) 6.8 N/cm
- PVC (after 14 days) 11.5 N/cm
- Steel (initial) 8.7 N/cm
- Steel (after 14 days) 13.7 N/cm

Additional Information

Liner variants:
PV0 red MOPP film (80 µm)
PV1 brown glassine paper (71 µm)

A fingerlift version (extended liner), tesa® 61908, is also available.

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit http://l.tesa.com/?ip=51908