



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:

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

Product Features

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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 | • Colour | transparent |
| • Type of adhesive | tackified acrylic | • Colour of liner | red |
| • Type of liner | MOPP | • Thickness of liner | 80 µm |
| • Total thickness | 100 µm | • Weight of liner | 72 g/m ² |

Properties/Performance Values

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



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Adhesion to Values

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

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