



tesa[®] 4917

Product Information



Double-sided filmic tape with differential adhesive system

Product Description

tesa[®] 4917 consists of a transparent double-sided PP-film with a differential adhesive system. The product can easily be cut with the hot wire systems of common bag machine producers.

Application Fields

- Reopenable closure system for filmic bags
- Removable emblems or profiles

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 | PP film | • Color | transparent |
| • Type of adhesive | tackified acrylic | • Color of liner | red |
| • Type of liner | MOPP | • Thickness of liner | 80 µm |
| • Total thickness | 90 µm | | |

Properties/Performance Values

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|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break | 150 % | • Static shear resistance at 23°C | good |
| • Ageing resistance (UV) | very good | • Static shear resistance at 40°C | good |
| • Chemical Resistance | good | • Tack | good |
| • Humidity resistance | very good | • Temperature resistance long term | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term | 120 °C |



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Adhesion to Values

• ABS (initial)	6.9 N/cm	• PET (covered side, after 14 days)	4.7 N/cm
• ABS (after 14 days)	10.1 N/cm	• PET (covered side, initial)	3.1 N/cm
• ABS (covered side, after 14 days)	6 N/cm	• PP (initial)	6.4 N/cm
• ABS (covered side, initial)	4.2 N/cm	• PP (after 14 days)	6.9 N/cm
• Aluminium (initial)	7.7 N/cm	• PP (covered side, after 14 days)	2.6 N/cm
• Aluminium (after 14 days)	10.2 N/cm	• PP (covered side, initial)	2.7 N/cm
• Aluminium (covered side, after 14 days)	4.7 N/cm	• PS (initial)	7.9 N/cm
• Aluminium (covered side, initial)	3.5 N/cm	• PS (after 14 days)	10 N/cm
• PC (initial)	9 N/cm	• PS (covered side, after 14 days)	5.6 N/cm
• PC (after 14 days)	11 N/cm	• PS (covered side, initial)	3.8 N/cm
• PC (covered side, after 14 days)	6.8 N/cm	• PVC (initial)	6.5 N/cm
• PC (covered side, initial)	4 N/cm	• PVC (after 14 days)	11 N/cm
• PE (initial)	3.9 N/cm	• PVC (covered side, after 14 days)	7 N/cm
• PE (after 14 days)	4.1 N/cm	• PVC (covered side, initial)	4 N/cm
• PE (covered side, after 14 days)	2.3 N/cm	• Steel (initial)	8.2 N/cm
• PE (covered side, initial)	1.6 N/cm	• Steel (after 14 days)	11.4 N/cm
• PET (initial)	6.6 N/cm	• Steel (covered side, after 14 days)	5.1 N/cm
• PET (after 14 days)	9.3 N/cm	• Steel (covered side, initial)	4.5 N/cm

Additional Information

tesa® 4917 is also available with fingerlift (extended liner) for fast liner removal.

Disclaimer

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