



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

- Re-openable 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 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 | 90 µm | | |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|--|--------|
| • 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 duration | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term duration | 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 |
| • Alu (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

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.



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