

tesa® 4917

Double-sided filmic tape with differential adhesive system

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.

Main Application

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

Technical Data

▪ Backing material	PP film	▪ Type of liner	PP
▪ Color	transparent	▪ Colour of liner	red
▪ Total thickness	90 µm	▪ Thickness of liner	80 µm
▪ Type of adhesive	tackified acrylic		

Adhesion to

▪ Steel (initial)	8.2 N/cm	▪ Steel (after 14 days)	11.4 N/cm
▪ Steel (covered side, initial)	4.5 N/cm	▪ Steel (covered side, after 14 days)	4.1 N/cm
▪ ABS (initial)	6.9 N/cm	▪ ABS (after 14 days)	10.1 N/cm
▪ ABS (covered side, initial)	4.2 N/cm	▪ ABS (covered side, after 14 days)	6.0 N/cm
▪ Aluminium (initial)	7.7 N/cm	▪ Aluminium (after 14 days)	10.2 N/cm
▪ Aluminium (covered side, initial)	3.5 N/cm	▪ Alu (covered side, after 14 days)	4.7 N/cm
▪ PC (initial)	9.0 N/cm	▪ PC (after 14 days)	11.0 N/cm
▪ PC (covered side, initial)	4.0 N/cm	▪ PC (covered side, after 14 days)	6.8 N/cm
▪ PE (initial)	3.9 N/cm	▪ PE (after 14 days)	4.1 N/cm
▪ PE (covered side, initial)	1.6 N/cm	▪ PE (covered side, after 14 days)	2.3 N/cm
▪ PET (initial)	6.6 N/cm	▪ PET (after 14 days)	9.3 N/cm
▪ PET (covered side, initial)	3.1 N/cm	▪ PET (covered side, after 14 days)	4.7 N/cm
▪ PP (initial)	6.4 N/cm	▪ PP (after 14 days)	6.9 N/cm
▪ PP (covered side, initial)	2.7 N/cm	▪ PP (covered side, after 14 days)	2.6 N/cm
▪ PS (initial)	7.9 N/cm	▪ PS (after 14 days)	10.0 N/cm
▪ PS (covered side, initial)	3.8 N/cm	▪ PS (covered side, after 14 days)	5.6 N/cm
▪ PVC (initial)	6.5 N/cm	▪ PVC (after 14 days)	11.0 N/cm
▪ PVC (covered side, initial)	4.0 N/cm	▪ PVC (covered side, after 14 days)	7.0 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=04917>

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Properties

▪ Temperature resistance short term	120 °C	▪ Resistance to chemicals	● ● ●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	● ●
▪ Tack	● ● ●	▪ Static shear resistance at 23°C	● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 40°C	● ● ●
▪ Humidity resistance	● ● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

Additional Information

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

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