

tesa® 62505

Double sided PE foam mounting tape

tesa® 62505 is a double sided PE foam tape for lightweight mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Product benefits:

- *Thin foam backing for an invisible design gap
- *High ultimate adhesion level for a reliable bonding performance
- *Soft, conformable foam adapting to structured surfaces
- *Fully outdoor suitable: UV, water and ageing resistant
- *Suitable for manual and automatic application processes

Main Application

Mounting of decorative trims and profiles

Technical Data

▪ Backing material	PE foam	▪ Type of adhesive	tackified acrylic
▪ Color	black/white	▪ Elongation at break	150 %
▪ Total thickness	500 µm 19.7 mils	▪ Tensile strength	5 N/cm 2.9 lbs/in

Adhesion to

▪ Steel (initial)	8.5 N/cm 77.7 oz/in	▪ Steel (after 14 days)	9.5 N/cm 86.8 oz/in
▪ ABS (initial)	3.0 N/cm 27.4 oz/in	▪ ABS (after 14 days)	9.5 N/cm 86.8 oz/in
▪ Aluminium (initial)	5.0 N/cm 45.7 oz/in	▪ aluminium (after 14 days)	9.5 N/cm 86.8 oz/in
▪ PC (initial)	5.0 N/cm 45.7 oz/in	▪ PC (after 14 days)	9.5 N/cm 86.8 oz/in
▪ PE (initial)	0.9 N/cm 8.2 oz/in	▪ PE (after 14 days)	1.2 N/cm 11 oz/in
▪ PET (initial)	3.0 N/cm 27.4 oz/in	▪ PET (after 14 days)	9.5 N/cm 86.8 oz/in
▪ PP (initial)	0.9 N/cm 8.2 oz/in	▪ PP (after 14 days)	1.2 N/cm 11 oz/in
▪ PVC (initial)	2.0 N/cm 18.3 oz/in	▪ PVC (after 14 days)	9.5 N/cm 86.8 oz/in

For latest information on this product please visit <http://l.tesa.com/?ip=62505>

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Properties

▪ Temperature resistance short term	80 °C 176 °F	▪ Humidity resistance	● ● ● ●
▪ Temperature resistance long term	80 °C 176 °F	▪ Softener resistance	● ●
▪ Tack	● ● ●	▪ Static shear resistance at 73,4 °F	● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 104 °F	● ● ●

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

Additional Information

Liner variants:

PV0 brown glassine paper (70µm)

PV6 red filmic liner (80µm)

Peel Adhesion:

-after 14 days: foam splitting on Steel, Aluminium, ABS, PS, PET, PVC

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