

## 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<br>19.7 mils | ▪ Tensile strength    | 5 N/cm<br>2.9 lbs/in |

## Adhesion to

|                       |                        |                             |                        |
|-----------------------|------------------------|-----------------------------|------------------------|
| ▪ Steel (initial)     | 8.5 N/cm<br>77.7 oz/in | ▪ Steel (after 14 days)     | 9.5 N/cm<br>86.8 oz/in |
| ▪ ABS (initial)       | 3.0 N/cm<br>27.4 oz/in | ▪ ABS (after 14 days)       | 9.5 N/cm<br>86.8 oz/in |
| ▪ Aluminium (initial) | 5.0 N/cm<br>45.7 oz/in | ▪ aluminium (after 14 days) | 9.5 N/cm<br>86.8 oz/in |
| ▪ PC (initial)        | 5.0 N/cm<br>45.7 oz/in | ▪ PC (after 14 days)        | 9.5 N/cm<br>86.8 oz/in |
| ▪ PE (initial)        | 0.9 N/cm<br>8.2 oz/in  | ▪ PE (after 14 days)        | 1.2 N/cm<br>11 oz/in   |
| ▪ PET (initial)       | 3.0 N/cm<br>27.4 oz/in | ▪ PET (after 14 days)       | 9.5 N/cm<br>86.8 oz/in |
| ▪ PP (initial)        | 0.9 N/cm<br>8.2 oz/in  | ▪ PP (after 14 days)        | 1.2 N/cm<br>11 oz/in   |
| ▪ PVC (initial)       | 2.0 N/cm<br>18.3 oz/in | ▪ PVC (after 14 days)       | 9.5 N/cm<br>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<br>176 °F | ▪ Humidity resistance                | ● ● ● ● |
| ▪ Temperature resistance long term  | 80 °C<br>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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