



TBP Converting, Inc.  
Tesa 4962 PDS

## tesa® 4962

### Premium double-sided non-woven tape

tesa® 4962 is a double-sided tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4962 features:

- High adhesion values on different substrates
- Excellent grabbing power to rough surfaces
- Excellent temperature resistance

## Main Application

Mounting of plastic parts  
 Bonding of heavy paper  
 Lamination of textile, leather and foam parts

## Technical Data

|                    |                    |                       |                      |
|--------------------|--------------------|-----------------------|----------------------|
| ▪ Backing material | non-woven          | ▪ Type of adhesive    | tackified acrylic    |
| ▪ Color            | translucent        | ▪ Elongation at break | 3 %                  |
| ▪ Total thickness  | 160 µm<br>6.3 mils | ▪ Tensile strength    | 8 N/cm<br>4.6 lbs/in |

## Adhesion to

|                         |                          |                                    |                          |
|-------------------------|--------------------------|------------------------------------|--------------------------|
| ▪ Steel (initial)       | 11.5 N/cm<br>105.1 oz/in | ▪ ABS (after 14 days)              | 12.0 N/cm<br>109.6 oz/in |
| ▪ ABS (initial)         | 11.0 N/cm<br>100.5 oz/in | ▪ aluminium (after 14 days)        | 10.5 N/cm<br>95.9 oz/in  |
| ▪ Aluminium (initial)   | 10.0 N/cm<br>91.4 oz/in  | ▪ PC (after 14 days)               | 12.4 N/cm<br>113.3 oz/in |
| ▪ PC (initial)          | 13.0 N/cm<br>118.8 oz/in | ▪ PC (covered side, after 14 days) | 14.0 N/cm<br>127.9 oz/in |
| ▪ PE (initial)          | 6.5 N/cm<br>59.4 oz/in   | ▪ PE (after 14 days)               | 7.0 N/cm<br>64 oz/in     |
| ▪ PET (initial)         | 9.5 N/cm<br>86.8 oz/in   | ▪ PET (after 14 days)              | 10.5 N/cm<br>95.9 oz/in  |
| ▪ PP (initial)          | 8.5 N/cm<br>77.7 oz/in   | ▪ PP (after 14 days)               | 10.0 N/cm<br>91.4 oz/in  |
| ▪ PS (initial)          | 12.0 N/cm<br>109.6 oz/in | ▪ PS (after 14 days)               | 13.0 N/cm<br>118.8 oz/in |
| ▪ PVC (initial)         | 11.0 N/cm<br>100.5 oz/in | ▪ PVC (after 14 days)              | 15.0 N/cm<br>137 oz/in   |
| ▪ Steel (after 14 days) | 12.0 N/cm<br>109.6 oz/in |                                    |                          |

## tesa® 4962

Premium double-sided non-woven tape

### Properties

|                                     |                  |                                      |       |
|-------------------------------------|------------------|--------------------------------------|-------|
| ▪ Temperature resistance short term | 200 °C<br>392 °F | ▪ Resistance to chemicals            | ● ● ● |
| ▪ 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  | ● ●   |
| ▪ Humidity resistance               | ● ● ● ●          |                                      |       |

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

### Additional Information

Liner variants:

PV0 brown glassine paper (71 µm)

PV6 red MOPP-film (80 µm)