tesa® 4982

don proportion information

100µm double sided transparent filmic tape

tesa® 4982 is a transparent double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 4982 features especially:
- Excellent bonding strength/thickness ratio
- Good bonding strength to most common, smooth, even substrates
- Reliable adhesion in high temperature applications

Main Application
- Mounting of backlight to LCD panel
- Mounting of LCD panel to metal frame
- Battery pack mounting

Technical Information (average values)
The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data
- Backing material: PET film
- Color: transparent
- Total thickness: 100 µm
- Type of adhesive: tackified acrylic
- Elongation at break: 50 %
- Tensile strength: 20 N/cm

Adhesion to
- Steel (initial): 8.2 N/cm
- ABS (initial): 7.6 N/cm
- Aluminium (initial): 7.9 N/cm
- PC (initial): 9.2 N/cm
- PE (initial): 4.6 N/cm
- PET (initial): 7.0 N/cm
- PP (initial): 4.4 N/cm
- PS (initial): 8.3 N/cm
- PVC (initial): 7.0 N/cm
- Steel (after 14 days): 11.7 N/cm
- ABS (after 14 days): 9.6 N/cm
- Aluminium (after 14 days): 10.6 N/cm
- PC (after 14 days): 11.0 N/cm
- PE (after 14 days): 5.1 N/cm
- PET (after 14 days): 8.4 N/cm
- PP (after 14 days): 6.2 N/cm
- PS (after 14 days): 9.2 N/cm
- PVC (after 14 days): 10.0 N/cm

Properties
- Temperature resistance short term: 200 °C
- Temperature resistance long term: 100 °C
- Tack
- Ageing resistance (UV)
- Humidity resistance
- Resistance to chemicals
- Softener resistance
- Static shear resistance at 23°C
- Static shear resistance at 40°C

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

For latest information on this product please visit http://l.tesa.com/?ip=04982
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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