



tesa[®] 4182 PV2



Product Information

Soft PVC wire harness tape for high temperature areas (105°C)

Product Description

tesa 4182 PV2 is a plasticised PVC tape optimised for wire harness bundling areas where the temperature may reach 105°C. Its solid film backing allows for open as well as over-lapped wrapping styles. Its water based acrylic adhesive supports low outgassing of volatile organic compounds.

- cadmium and lead free
- solvent-free
- compatible with PVC-free wire insulation
- flexible
- ozone resistant
- abrasion resistant
- resistant to ageing and weathering
- unwinds evenly

Application Fields

Wire Harnessing

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------|-------------------|--------|
| • Backing material | PVC film | • Total thickness | 104 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|---|---------|-----------------------------------|-----------------------|
| • Elongation at break | 250 % | • Temperature resistance max. | 105 °C |
| • Tensile strength | 25 N/cm | • Temperature resistance min. | -25 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class A | • Unwind force (roll width > 9mm) | 7.5 N/roll (30 m/min) |
| • Abrasion resistance (5mm mandrel, LV312) | Class A | • Unwind force (roll width ≤ 9mm) | 7.5 N/roll (30 m/min) |
| • Noise damping (LV312) | Class A | | |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 1.8 N/cm |
|---------|----------|

For latest information on this product please visit <http://l.tesa.com/?ip=04182>



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