



tesa[®] 4173 PV2



Product Information

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

Product Description

tesa 4173-PV2 is a plasticised PVC tape optimised for wire harness bundling in areas where the temperature may reach 105°C. Its strong film backing allows for open as well as over-lapped wrapping styles. Its water based acrylic adhesive supports low outgassing of volatile organic compounds.

Features

- 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 | PVC film | • Total thickness | 126 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|---|---------|--------------------------------|---------|
| • Elongation at break | 250 % | • Dielectric breakdown voltage | 7000 V |
| • Tensile strength | 30 N/cm | • Noise damping (LV312) | Class A |
| • Abrasion resistance (10mm mandrel, LV312) | Class A | • Temperature resistance max. | 105 °C |
| • Abrasion resistance (5mm mandrel, LV312) | Class A | • Temperature resistance min. | -25 °C |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 1.8 N/cm |
|---------|----------|

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