



# tesa<sup>®</sup> 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          | 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 |
|---------|----------|



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