



tesa[®] 4688

Product Information



Standard polyethylene coated cloth tape

Product Description

tesa[®] 4688 is a standard grade polyethylene coated cloth tape. It is based on a 55 mesh woven PET/rayon fabric backing coated with a pressure sensitive natural rubber adhesive. tesa[®] 4688 is a typical repairing tape, convenient for a variety of needs with very good handling characteristics. Available in various colors.

Product Features

- Strong adhesion, even on rough surfaces
- Waterproof
- Easy to unwind
- Total halogen content < 1000 ppm
- Total sulphur content < 1000 ppm

Application Fields

- For maintenance in nuclear power plants
- Marking, masking, surface protecting
- Bonding of construction films
- Bundling of cables

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 | PE extruded cloth | • Total thickness | 260 µm |
| • Type of adhesive | natural rubber | • Thickness of tape | _NULL µm |
| • Type of liner | none | | |

Properties/Performance Values

- | | | | |
|--------------------------------|---------|--|--------------------------|
| • Elongation at break | 9 % | • Mesh | 55 count per square inch |
| • Tensile strength | 52 N/cm | • Straight tear edges | good |
| • Abrasion resistance | good | • Temperature resistance (30 min) | 110 °C |
| • Dielectric breakdown voltage | 2900 V | • Temperature resistance | 110 °C |
| • Hand tearability | good | (removability from aluminum after 30 min exposure) | |
| | | • Water resistance | good |

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Adhesion to Values

- Steel 4.5 N/cm

Additional Information

- Meets requirements of LV 312-1 dielectric strength 7500 Volts (3 layer)
- Meets requirements of the Siemens AG standard TLV 9027/01/06 for the usage in nuclear power plants

Disclaimer

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