



tesa® 4688

Product Information



Universal Polyethylene Coated Cloth Tape

Product Description

tesa® 4688 is the industry standard polyethylene coated cloth tape. It is based on a 55-mesh woven fabric backing, coated with a pressure sensitive natural rubber adhesive. The cloth tape features excellent adhesion even on rough surfaces as well as a high tack and high initial bonding strength. tesa® 4688 is a general repair tape, convenient for a variety of needs with excellent handling properties. The cloth repair tape is waterproof, resistant to temperatures of up to 110°C, abrasion-resistant and easy to unwind. Manual application is easy thanks to its hand-tearability. tesa® 4688 is certified to be used in nuclear power stations. It is available in various colours.

Application Fields

- tesa® 4688 is used for a wide range of applications such as marking, masking, packaging, protecting, labelling, colour coding, fastening and closing
- The universal cloth tape is used for protection during sandblasting
- The cloth tape is used for bonding plastic films on construction sites as well as during plastering
- The tape can be used for sealing cartons, tins, etc.
- tesa® 4688 is used for fastening wires and for bundling cables
- tesa® 4688 is used for splicing films and for marking parts during maintenance in nuclear power plants

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

Properties/Performance Values

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

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 4.5 N/cm |
|---------|----------|



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Disclaimer

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