



# 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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For latest information on this product please visit <http://l.tesa.com/?ip=04688>