



# 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 | • Type of liner   | none   |
| • Type of adhesive | natural rubber    | • Total thickness | 260 µm |

### Properties/Performance Values

- |                                |         |  |                    |
|--------------------------------|---------|--|--------------------|
| • Elongation at break          | 9 %     | • Mesh   | 55 per square inch |
| • Tensile strength             | 52 N/cm | • Straight tear edges                              | 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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### 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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