



# 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

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

### Properties/Performance Values

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

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



# tesa® 4688

## Product Information

### 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

In the following list you can find the RAL-Design-Codes D2 as reference for the colors of tesa® 4688:

- Yellow, code 17: RAL 095 90 59
- Red, code 19: RAL 040 40 67
- Blue, code 11: RAL 270 30 40
- Green, code 37: RAL 130 60 60
- Silver gray, code 34: RAL 000 55 00
- Black, code 04: RAL 000 15 00
- White, code 08: RAL 090 90 05

### Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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