



# 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.

Features:

- strong adhesion, even on rough surfaces
- waterproof
- easy to unwind
- tesa® 4688 is certified by AREVA according to requirements of the Siemens AG standard TLV 9027/01/06 for nuclear power station: total halogen content < 1000 ppm; total sulphur content < 1000 ppm

### Application Fields

- Marking, masking, packaging, protecting, fastening, closing
- Bonding of construction films
- Closing of cartons, tins, etc.
- Fixing of wires
- Bundling of cables
- Splicing of films, marking of 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<br>10.2 mils |

### Properties/Performance Values

- |                                |                        |   |                             |
|--------------------------------|------------------------|---|-----------------------------|
| • Elongation at break          | 9 %                    | • Mesh  | 55 count per square<br>inch |
| • Tensile strength             | 52 N/cm<br>29.7 lbs/in | • Straight tear edge                                  | good                        |
| • Abrasion resistance          | good                   | • Temperature resistance                              | 110 °C                      |
| • Dielectric breakdown voltage | 2900 V                 | (removability from aluminum<br>after 30 min exposure) | 230 °F                      |
| • Hand tearability             | good                   | • Water resistance                                    | good                        |

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



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### Adhesion to Values

- Steel 4.5 N/cm  
41.1 oz/in

### Additional Information

Meets requirements of LV 312-1 dielectric strength 7500 Volts (3 layer)

### 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>