



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* available in 8 colours: black, white, grey, yellow, blue, red, green, brown

Product Features

- Strong adhesion, even on rough surfaces
- Waterproof
- Easy to unwind
- 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 | • Total thickness | 260 µm |
| • Type of adhesive | natural rubber | • Thickness of tape | _NULL µm |
| • Type of liner | none | | |

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Product Information

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 (30 min)	110 °C
• Dielectric breakdown voltage	2900 V	• Temperature resistance (removability from aluminum after 30 min exposure)	110 °C
• Hand tearability	good	• Water resistance	good

Adhesion to Values

- Steel 4.5 N/cm

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.



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