



tesa[®] 4688

Product Information



Standard polyethylene coated cloth tape

Product Description

tesaband[®] 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. tesaband[®] 4688 is a typical repairing tape, convenient for a variety of needs with very good handling characteristics.

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 material | 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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Properties/Performance Values

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

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

Disclaimer

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