

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	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 count per square
•	Tensile strength	52 N/cm			inch
•	Abrasion resistance	good	•	Straight tear edge	good
•	Dielectric breakdown voltage	2900 V	•	Temperature resistance	110 °C
•	Hand tearability	good		(removability from aluminum	
				after 30 min exposure)	
			•	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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