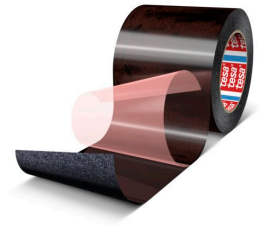




tesa[®] 4990 Butt-Splicing Tape



Product Information

350 µm single-sided modified-acrylic adhesive tape

Product Description

tesa[®] 4990 is a single-sided adhesive tape using a modified-acrylic adhesive and a black PET-cloth backing. The acrylic adhesive combines fast dwelling performance in combination with excellent resistance against elevated temperature. tesa[®] 4990 shows excellent tensile resistance for high tension processes as well. tesa[®] 4990 is offering in-line curing of the adhesive to compensate the general effect of adhesive softening at high temperature. This results in a stable adhesive strength across a wide temperature range.

Features

- Shear resistant, acrylic adhesive
- Tensile resistant PET-fabric backing
- Easy handling and application

Benefits

- Suitable for high temperature processes - resisting up to 250°C
- High tear-resistance for high tension processes
- Secure compensation of web tension in high-tension web processes - avoids web breaks and wrinkles
- No cure time - Eliminates cure time for faster production
- No machinery investment - Utilize existing machinery to implement more efficient production

Product Features

- Shear-resistant acrylic adhesive for high-temperature processes up to 250°C
- Highly tear-resistant PET-cloth backing for high-tension processes
- No cure time, eliminating cure time for faster production
- No machinery investment, utilizing existing machinery to implement more efficient production
- Easy handling and application

Application Fields

Splicing of metal webs is the focus application for this specifically designed product withstanding elevated temperatures as well as processes with high web-tension.



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Product Information

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	PET cloth	• Total thickness	350 µm
• Type of adhesive	tackified acrylic		13.8 mils
• Type of liner	TPP	• Color	black
		• Color of liner	red

Properties/Performance Values

• Elongation at break	40 %	• Operation temperature up to	250 °C
• Tensile strength	240 N/cm		482 °F
	137 lbs/in	• Tensile strength (crosswise)	105 N/cm
			60 lbs/in

Adhesion to Values

• Steel	11.5 N/cm
	105.1 oz/in

Additional Information

- Liner variant: PV6 red MOPP-film (80µm; 72g/m²)

Disclaimer

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