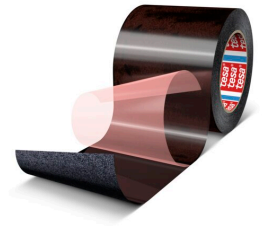




# tesa<sup>®</sup> 4990 Butt-Splicing Tape



## Product Information

350µm single-sided modified acrylic adhesive tape

## Product Description

tesa<sup>®</sup> 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<sup>®</sup> 4990 shows excellent tensile resistance for high tension processes as well. tesa<sup>®</sup> 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.

For latest information on this product please visit <http://l.tesa.com/?ip=04990>



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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	• Color	black
• Type of liner	MOPP	• Color of liner	red

### Properties/Performance Values

• Elongation at break	40 %	• Operation temperature up to	250 °C
• Tensile strength	240 N/cm	• Tensile strength (crosswise)	105 N/cm

### Adhesion to Values

• Steel	11.5 N/cm
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### Additional Information

- Liner variant: PV6 red MOPP-film (80µm; 72g/m<sup>2</sup>)

## Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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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