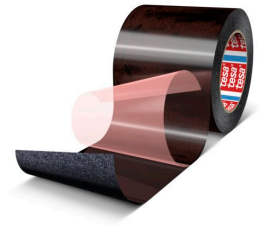




tesa[®] 4990 Butt-Splicing Tape



Product Information

350µm single sided PET cloth tape for splicing of metal webs

Product Description

tesa[®] 4990 is a single-sided industrial splicing tape using a tackified acrylic adhesive and a black PET-cloth backing. The single-sided PET-cloth tape is especially designed for the splicing of metal webs withstanding elevated temperatures as well as processes with high web tension. 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 offers in-line curing of the adhesive to compensate the general effect of adhesive softening at high temperatures. This results in a stable adhesive strength across a wide temperature range.

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 metal webs withstanding elevated temperatures as well as processes with high web tension

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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Product Information

Disclaimer

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