



# 51445 PV11



## Product Information

Repulpable, single-sided splicing tape

## Product Description

tesa CaRes® 51445 is a single-sided repulpable splicing tape, with a liner consisting of a flat-back paper and a modified water soluble acrylic adhesive.

tesa CaRes® 51445 special features:

- The patented calcium resistant adhesive (CaRes) for a maximised life time of permanent splices on papers containing calcium carbonate (CaCO<sub>3</sub>)
- Thin but strong backing to allow a low total splice thickness
- Printable and coatable backing for easy further processing
- Very high shear strength
- Very high heat resistance
- Very good adhesion values on most paper grades

tesa CaRes® 51445 is certified by independent laboratories for:

- Repulpability according to TAPPI UM-213 over full pH-range (pH3 – pH9)
- Resistance against calcium carbonate (CaCO<sub>3</sub>) according to PTS 302/13

## Product Features

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- tesa CaRes® 51445 is certified by independent laboratories for: Repulpability according to TAPPI UM-213 over full pH-range (pH3 – pH9). Resistance against calcium carbonate (CaCO<sub>3</sub>) according to PTS 302/13
- Paper from well-managed certified forests and other controlled sources

## Application Fields

tesa CaRes® 51445 is particularly suitable for:

- Manual permanent butt-splicing
- Use in automatic butt-splice applicators



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### 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	flat paper	• Total thickness	80 µm
• Type of adhesive	repulpable tackified acrylic	• Color	3.1 mils blue
• Type of liner	repulpable siliconised paper		

### Properties/Performance Values

• Elongation at break	6 %	• Tack	medium
• Shelf life time (packed) < 25°C	12 months	• Tensile strength (crosswise)	30 N/cm 17.1 lbs/in
• Static shear resistance	very good		

### Additional Information

Other products for butt-splicing:

- tesa® 51444 - reduced thickness for thinner splices
- tesa® 51455 - slit liner for easier manual splice application
- tesa® 51465 - slit liner and splitting strip for secure tape fixation during the manual splice preparation
- tesa® 61445 - black backing for optical detection

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51445>