

## tesa CaRes® 51444 PV11 Repulpable, single-sided splicing tape

tesa CaRes® 51444 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® 51444 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>)
- Very thin but strong backing to allow an especially 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® 51444 is certified by independent laboratories for:

- Repulpability according to TAPPI UM-213 over full pH-range (pH3 – pH9)

## Main Application

tesa® 51444 is particularly suitable for:

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

## Technical Data

▪ Backing material	flat paper	▪ Elongation at break	6 %
▪ Color	blue	▪ Tensile strength (crosswise)	10 N/cm
▪ Total thickness	50 µm	▪ Type of liner	repulpable siliconised paper
▪ Type of adhesive	repulpable tackified acrylic	▪ Shelf life time (packed) < 25°C	12 months

## Properties

- |                          |      |                           |      |
|--------------------------|------|---------------------------|------|
| ▪ Temperature resistance | ●●●● | ▪ Static shear resistance | ●●●● |
| ▪ Tack                   | ●●   |                           |      |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=51444>

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### Additional Information

Other products for butt-splicing:

- tesa® 51445 - stronger backing for higher splice security
- 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

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