

tesa CaRes® 51445 PV11 Repulpable, single-sided splicing tape

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 (CaCO₃)
- 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 (CaCO₃) according to PTS 302/13

Main Application

tesa CaRes® 51445 is particularly suitable for:

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

Technical Data

▪ Backing material	flat paper	▪ Elongation at break	6 %
▪ Color	blue	▪ Tensile strength (crosswise)	30 N/cm
▪ Total thickness	80 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=51445>

tesa® 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® 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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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

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