

51445 PV11





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.

Product 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 pHrange (pH3 – pH9). Resistance against calcium carbonate (CaCO3) 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

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	blue
Type of liner	repulpable siliconised paper		

Properties/Performance Values

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



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Product Information

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

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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