

tesa CaRes® 51455 PV11



Product Information

Repulable, single-sided splicing tape

Product Description

tesa CaRes® 51455 is a single-sided repulable splicing tape, with a liner consisting of a flat-back paper and a modified water soluble acrylic adhesive.

tesa CaRes® 51455 special features:

- The patented calcium resistant adhesive (CaRes) for a maximised life time of permanent splices on papers containing calcium carbonate (CaCO₃)
- slit liner for easier manual splice application
- 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® 51455 is certified by independent laboratories for:

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

Main Application

tesa CaRes® 51455 is particularly suitable for:

- Manual permanent butt-splicing

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

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 | repulable siliconised paper |
| • Type of adhesive | repulable 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

Additional Information

Other products for butt-splicing:

- tesa® 51444 - reduced thickness for thinner splices

For latest information on this product please visit
<http://l.tesa.com/?ip=51455>

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Product Information

Additional Information

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



For latest information on this product please visit
<http://l.tesa.com/?ip=51455>