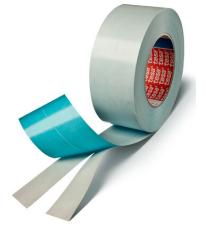




51455 PV11



Product Information

Repulpable, Single-Sided Splicing Tape

Product Description

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

tesa® 51455 features

- Slit liner for easy application
- Very high shear strength
- Good adhesion on both coated and uncoated paper
- Low splice thickness
- Very high heat resistance
- Printable, coatable backing
- Good repulpability over full pH-range (pH3 –pH9)

Color: Blue

Product 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)
- Paper from well-managed certified forests and other controlled sources

Application Fields

tesa® 51455 is particularly suitable for:

- Permanent butt splicing



51455

PV11

Product Information

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® 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>