

tesa CaRes® 61445

Repulpable, black single-sided splicing tape

tesa CaRes® 61445 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® 61445 special features:

- The patented calcium resistant adhesive (CaRes) for a maximised life time of permanent splices on papers containing calcium carbonate (CaCO₃)
- Black backing with high colour density for reliable optical detection
- 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® 61445 is certified by independent laboratories for:

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

tesa® 61445 CaRes® is a single-sided repulpable splicing tape with liner consisting of a flat-back paper of black colour and a modified water soluble acrylic adhesive.

tesa® 61445 CaRes® features especially

- High color density for optical detection
- High abrasion resistance
- Very high shear strength
- Very good adhesion values on coated paper
- Good adhesion values on uncoated paper
- Low splice thickness
- Very high heat resistance
- Good repulpability over full pH-range (pH3 –pH9)
- Good resistance against calcium carbonate (CaCO₃)

Colour: Black

Main Application

tesa CaRes® 61445 is particularly suitable for:

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

For latest information on this product please visit <http://l.tesa.com/?ip=61445>

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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Technical Data

| | | | |
|--------------------|---------------------------------|-----------------------------------|---------------------------------|
| ▪ Backing material | flat paper | ▪ Elongation at break | 6 % |
| ▪ Color | black | ▪ 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

Additional Information

Other products for butt-splicing:

- tesa® 51444 - reduced thickness for thinner splices
- 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

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