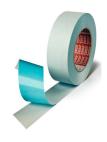


# 51445 PV11





Repulpable, single-sided splicing tape

#### **Product Description**

tesa CaRes<sup>®</sup> 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<sup>®</sup> 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

#### **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<sup>®</sup> 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



# 51445 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			3.1 mils
		acrylic	•	Color	blue
٠	Type of liner	repulpable siliconised			
		paper			

#### **Properties/Performance Values**

•	Elongation at break	6 %	٠	Tack	medium
•	Shelf life time (packed) < 25°C	12 months	٠	Tensile strength (crosswise)	30 N/cm
•	Static shear resistance	very good			17.1 lbs/in

#### **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<sup>®</sup> 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<sup>®</sup> 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.



Page 2 of 2 – as of 03/05/24 – en-TT