



tesa® Softprint 52018 Steel Master



Product Information

Plate mounting tape for photopolymer plates in flexographic printing

Product Description

tesa Softprint® 52018 STM is a double-coated foam tape, designed specifically for mounting photopolymer plates with a thickness of 1.14mm (0.045") or 1.70 mm (0.067") in flexographic label printing.

The x-soft foam makes this the ideal solution for printing fine screens.

Foam properties

- Highly compressible foam, with superior recovery behavior for excellent print quality
- Long lasting recovery characteristic for extended and high speed print runs
- Low thickness tolerances for quick print preparation and reduced waste

Adhesive properties

- High bonding on open side to steel cylinder or sleeve to avoid plate movement
- High bonding to plate to avoid edge lifting or plate movement
- Non increasing bonding power for easy repositioning and especially for easy demounting of plate and tape
- Very cohesive adhesive structure for demounting without adhesive residues

Additional properties

- The structured PP-liner prevents the formation of air pockets when plate mounting
- Yellow color marking indicates the hard foam

Application Fields

tesa Softprint® 52018 STM is a 380µm (15 mil) category double-coated foam tape, designed specifically for mounting photopolymer plates with a thickness of 1.14 mm (0.045") or 1.70 mm (0.067") in flexographic label printing.

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	PE foam with film lamination	• Type of liner	PP
• Type of adhesive	tackified acrylic	• Total thickness	430 µm 16.9 mils

Properties/Performance Values

• Color of logo	yellow	• Thickness category	380
• Hardness	extra soft		

For latest information on this product please visit <http://l.tesa.com/?ip=52018>



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For latest information on this product please visit <http://l.tesa.com/?ip=52018>