



52117

Steel Master TP



Product Information

Plate mounting tape for photopolymer plates in flexographic printing

Product Description

tesa Softprint® 52117 STM TP is a double-coated foam tape, designed specifically for mounting photopolymer plates with a thickness of 1.14mm (0.045") or 1.70mm (0.067") in flexographic label printing.

The soft foam makes this the ideal solution in printing screens and line work.

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
- Sufficient bonding to plate to avoid edge lifting or plate movement
- Non increasing, controlled bonding power for easy repositioning and especially for easy demounting of thinner plates
- Very cohesive adhesive structure for demounting without adhesive residues

Additional properties

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

Product Features

- 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. Sufficient bonding to plate to avoid edge lifting or plate movement. Non increasing, controlled bonding power for easy repositioning and especially for easy demounting of thinner plates. Very cohesive adhesive structure for demounting without adhesive residues.
- Additional properties: The structured PP-liner prevents the formation of air pockets when plate mounting. Red color marking indicates the soft foam.
- The soft foam makes this the ideal solution in printing screens and line work.

Application Fields

tesa Softprint® 52117 STM TP is a 380µm (15 mil) category double-coated foam tape, designed specifically for mounting photopolymer plates with a thickness of 1.14mm (0.045") or 1.70mm (0.067") in flexographic label printing.

For latest information on this product please visit <http://l.tesa.com/?ip=52117>



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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 | 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 | red | • Thickness category | 380 |
| • Hardness | soft | | |

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