

52117

Steel Master TP



Product Information

Foam plate mounting tape (soft) for printing combinations & screens

Product Description

tesa® 52117 Softprint Steel Master 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 for printing combinations and screens.

Foam properties:

- Highly compressible foam, with superior recovery for excellent print quality
- Long lasting recovery characteristics 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 colour 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® 52117 Softprint Steel Master 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.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be

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Product Information

Technical Information (average values)

used for specification purposes.

Product Construction

- | | | | |
|--------------------|------------------------------|-------------------|--------|
| • Backing material | PE foam with film lamination | • Type of liner | PP |
| • Type of adhesive | tackified acrylic | • Total thickness | 430 µm |

Properties/Performance Values

- | | | | |
|---------------|------|----------------------|-----|
| • Hardness | soft | • Thickness category | 380 |
| • Logo colour | red | | |

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