



52016 Steel Master



Product Information

Double coated foam tape

Product Description

tesa Softprint® 52016 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 medium foam makes this the ideal compromise in printing solids, line work and screen with only one foam hardness.

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
- * Purple color marking indicates the hard foam

Product Features

- Highly compressible foam, with superior recovery behavior for excellent print quality
- Long lasting recovery characteristic for extended and high speed print runs
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Product Features

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Application Fields

tesa Softprint® 52016 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 |

Properties/Performance Values

- | | | | |
|-----------------|--------|----------------------|-----|
| • Color of logo | purple | • Thickness category | 380 |
| • Hardness | medium | | |

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