

52018 STM



Product Information

Foam plate mounting tape (extra soft) for printing screens

Product Description

tesa® 52018 Softprint X-Soft 380 µm is a 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.

The unique properties of tesa® 52018 Softprint X-Soft 380 µm make it the ideal choice for finest screen print, especially where harder digital plates are in use. Additionally, the extra cushion allows faster printing speeds, whilst reducing the effects of unwanted press "bounce" and keeping plates down even on smaller diameter cylinders.

Foam properties

- The extra soft foam is the ideal plate mounting solution in combination with harder, digital plates (for finest screen print)
- 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

- Secure bonding to sleeve / cylinder, with specially enhanced removal properties
- Optimal bonding to plate to avoid edge lifting or plate movement, with residue-free removal

Additional properties

- The structured PP-liner prevents the formation of air pockets when plate mounting
- Yellow color coding of logo on backing indicates extra soft foam category

Product Features

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

Application Fields

tesa® 52018 Softprint x-Soft is a 380µm (15mil) 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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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 | extra soft | • Thickness category | 380 |
| • Logo colour | yellow | | |

Disclaimer

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