



# 52118 Steel Master TP



## Product Information

Plate mounting tape for photopolymer plates in flexographic printing

## Product Description

tesa Softprint® 52118 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 unique properties of tesa® 52118 Softprint x-soft 380µm/15 mils 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".

### 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

- **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.

## Application Fields

tesa Softprint® 52118 STM TP 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.



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### 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<br>16.9 mils |

### Properties/Performance Values

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

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=52118>