



# 52018 Steel Master



## Product Information

Plate mounting tape for photopolymer plates in flexographic printing

## Product Description

tesa Softprint® 52018 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 x-soft foam makes this the ideal solution for printing fine screens.

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

## Application Fields

tesa Softprint® 52018 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.



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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<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=52018>