



52022

Steel Master

Product Information



Foam plate mounting tape (soft) for screen print & combination work

Product Description

tesa® 52022 Softprint Steel Master is a double-coated foam tape, designed specifically for mounting thicker photopolymer plates of thickness 1.70mm (0.067"), 2.54mm (0.100") and above in wide-web film and paper flexographic printing, on machines using steel cylinders or sleeves.

The soft foam makes this the ideal solution for screen printing with some combination work.

Foam properties

- Highly compressible foam, with superior recovery behavior 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
- 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
- Red color marking indicates the soft foam

Application Fields

tesa® 52022 Softprint Steel Master is a 500µm (20 mil) category double-coated foam tape, designed specifically for mounting thicker photopolymer plates of thickness 1.70mm (0.067"), 2.54mm (0.100") and above in wide-web film and paper flexographic printing, on machines using steel cylinders or sleeves.

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 | • Type of liner | PP |
| • Type of adhesive | tackified acrylic | | |

Properties/Performance Values

- | | | | |
|------------|------|----------------------|-----|
| • Hardness | soft | • Thickness category | 500 |
|------------|------|----------------------|-----|

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