

PM300L

5 MIL WHITE SEMI-GLOSS AGGRESSIVE BONDING LABELS

Q STAR's Heatmaxx™ PM300L label consist of a 5 MIL(100µm) substrate combined with 1-1.5 MIL of our advanced industrial adhesive. Designed to bond to products in all industrial and environmental conditions, the PM300L adheres to wet, dirty, oily and uneven surfaces at temperatures up to 300°F (148°C). Ideal for adding track and trace capability to products stored in weather exposed conditions, the Heatmaxx™ PM300L offers a durable identification solution. Standard configuration is a semi-gloss white for optimum print contrast.

Applications

- Flats and Angles
- Specialty Bar
- Forgings
- Channels & Beams
- Round & Square Stock
- Concrete
- Ceramics
- Glass

Features

- Thermal Transfer Printer Compatible
- All Weather / UV Durability
- 600 DPI Grade A Print @ 1D and 2D Barcodes
- A-Rated Transportation Durability
- Customizable: 4-Color Logos, Size, Perforations
- Bonds to Wet, Dirty, Uneven Surfaces
- Twice the Bond Strength of Competitor Offerings
- Clean Removal - No Residue

Technical Data

Best Operational Temperature Limit (Full Contact)

300°F (148°C)

Elongation

84 MD / 50 CD

Thermal Shrinkage % (302°F @ .5 Hr)

1.2 MD / 0.8 CD

Thickness

0.006" (.152mm)

Tensile Strength (MD)

112 LBS/in

Tensile Strength (CD)

118 LBS/in

Static Bond Strength (2 Hour Dwell)

3341 grms/in

Kinetic Bond Strength (2 Hour Dwell)

4568 grms/in

