

TC1000L

5 MIL WHITE SEMI-GLOSS EXTREME HIGH-TEMPERATURE LABEL

Q STAR's Heatmaxx™ TC1000L labels are a 5 MIL (100µm) high-temperature capable media top coated with proprietary, thermal transfer print accepting varnish. Customizable adhesive thicknesses of .05 - 2.0 MIL of Q STAR's high-temperature adhesive provides bonding to hot surfaces at temperatures of 1000°F (510°C). Specifically designed to adhere without permanent bonding, the Heatmaxx™ TC1000L has been formulated to both bond and be removed without crystallization which requires secondary process removal by end users. Standard configuration is coated in a high opacity, semi-gloss white for optimum print contrast.

Applications

- Plate
- Flat Coil
- Large Diameter Stock
- Structural & Rail
- Flats and Angles
- Billet
- Slab

Features

- Thermal Transfer Printer Compatible
- Customizable for Manual or Robotic Application
- 600 DPI Grade A Print @ 1D and 2D Barcodes
- Print Weather and UV Resistant for Exterior Yards
- Direct Application to Product - NOT bands or ties
- Customizable: 4-Color Logos, Size, Perforations
- Significant Cost Savings against Polyimides & Foils

Technical Data

Best Operational Temperature Limit (Full Contact)	1000°F (538°C)
Weight	7.5 osy (250 gsm)
Thermal Coatings	62 ¯
Thickness	0.005" (0.127mm)
Tensile Strength (Warp)	150 PLI (1300 N/5 cm)
Tensile Strength (Fill)	150 PLI (1300 N/5 cm)
Tear Strength (Warp)	26.4 N
Tear Strength (Fill)	22 N

