

Full label VVM



Dot VVM

### HEATmarker® Vaccine Vial Monitor (VVM)

#### Manufactured by:

TEMPTIME Corporation  
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USA

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Meets WHO/PQS/E06/IN.05.1 performance specification (30 November 2006).

#### Standard Specifications:

Specification	Full Label VVM	Dot VVM
Minimum Order For One (1) Shipment	500,000	50,000
Standard Label Sizes	20mm X 44mm 57mm X 15mm 48mm X 18mm	10mm dot (circle) or 16mm X 10mm Rectangle
Indicators Per Roll	10,000	10,000
Presentations	1	1
Rewind Direction	1	1
Core Size	76mm	76mm
Shipped by Container	LD3 (in one shipment) or Insulated Coolers Depending on Volume	LD3 (in one shipment) or Insulated Coolers Depending on Volume
Number of Label Colors	2	N/A

#### Standard Material Specifications:

Full Labels are made on a 38#, semi-gloss white, lightweight, calendered, woodfree printing paper facesheet. The adhesive of the facesheet is a general purpose rubber based solvent with a service temperature range -40°F to +175°F. The minimum application temperature is +25°F. The facesheet is removed from a bleached glassine white liner.

Dots are made on corona-treated, flexible, opaque white polyolefin film. The adhesive is clear, permanent and designed for prime labeling applications with a service temperature range -40°F to +200°F. The minimum application temperature is +10°F. The face sheet is removed from a 44#, poly-coated natural kraft (brown) paper stock for roll-to-roll applications. This liner is specifically designed for high speed automatic label dispensing applications. The facesheet has a 1mil, polypropylene, clear self-wound overlamine with a permanent acrylic adhesive. This film is not designed for printing.

**Method of Application:**

The rolls of VVM are suitable for use with high speed automatic labeling equipment.

**Delivery:**

- All deliveries are Ex Works TEMPTIME Corporation (Morris Plains, NJ – USA)
- Shipment costs are (dry ice, specific shipping container rental, inland transportation and air freight are all additional costs).
- All deliveries for the full label VVM described on page #3 and VVM dots for orders of 500,000 or greater, includes the fixed specific shipment preparation charge for one shipment

**Shipment Lead Time Following Order Confirmation:**


Lead times are very different for the Dot VVM, which are generally stored in TEMPTIME inventory and can be shipped in relatively short periods of time based on quantities. The Full Label VVM requires a customized manufacturing for each order.

	<b>VVM Type</b>	<b>Dots</b>	<b>Full Label</b>
Normal Shipment Lead Times	VVM2	1-3 weeks	3 to 5 weeks
	VVM7	1-3 weeks	4 to 7 weeks
	VVM14	1-3 weeks	5 to 8 weeks
	VVM30	1-3 weeks	5 to 8 weeks

**Prices:**

All prices are EX WORKS Morris Plains, NJ (USA). Please contact the company for current pricing information.

***Conformity with quality system and environmental management standards:***

ISO 9000:2001, issue 4 - certified since March 2001. Certification body  USA.  
Last audit 22 May 2005.

**WHO prequalification: 30 September 2007.**