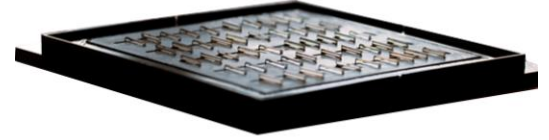


VERTEC® VMF SERIES FAST AXIS COLLIMATING LENS (FAC) CARRIER TRAY

Product Datasheet

Gel-Pak's new 2" x 2" VMF series tray is designed to safely immobilize Fast Axis Collimating (FAC) lenses during shipping and handling with minimal contact to the device active area. The unique carrier geometry uses the holding forces of our proprietary Vertec TPE elastomer in select contact areas to secure these valuable optics.



VMF Carrier Features:

- Contact area <10% of the device on the end regions only. No contact to middle regions of FAC.
- Ultra-low residue
- Tray currently available with 5 channels, 6 strips of TPE for 4mm FACs. Can be extended to 7 channels for shorter length FAC
- Tunable holding force by optimizing material tack and channel width (non-contact area)
- Suitable for automated pick & place or manual processes
- Contact geometry is extremely customizable and not limited to channel and strip design



Tacky Vertec strips hold device in place

PRELIMINARY PROPERTIES	
Polymer Material	Vertec Non-Silicone Elastomer (FDA and USP Approved)
Tray	Conductive Polycarbonate
Usable Tray Area	34.8mm x 34.8mm
Surface "Tack"	L (Low), H (High)
Surface Resistance	>10 ¹² ohms
Operating Temperature	10 to +35° C
Shipping/Storage Temperature	-10 to +50° C (see note 2)

NOTES:

1. These values are for reference purposes only and are not intended for use in preparing specifications.
2. Extended temperature ranges are possible; however, testing may be needed.

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