

VRP SERIES VACUUM RELEASE CARRIER

Product Datasheet

Gel-Pak's new **VRP** product line consists of a proprietary cross-linked polyurethane film membrane over a mesh material that holds components in place until they are released "on-demand" by applying vacuum to the underside of the tray. The new polyurethane Vertec® vacuum release tray provides the same appearance and functionality as the traditional Gel VR Tray, yet is both silicone-free and static dissipative.



- Designed to handle components from 250 µm to 300 mm
- Immobilizes and protects valuable devices during shipping and handling
- Ideal for high-volume automated device pick and place applications
- Available in 2" & 4" trays, large format, and custom plate sizes

Material Property	Value
Elastomer Chemistry	Proprietary Cross-linked Polyurethane Film
Surface Tack	EH01 (Ultra-Low Tack) EH02 (Low Tack) EH04 (Medium Tack) EH06 (High Tack)
Surface Resistance	<10 ⁹ ohms
Operating Temperature	10 to +35° C
Shipping/Storage Temperature	-10 to +50 °C (see note 2)
Shelf Life	2 Years
Unique Features	Static Dissipative, Non-Silicone

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.

GEL-PAK

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