

VR / VRP / VRV COMPARISON

Technical Datasheet

VR Series: Traditional VR Tray uses proprietary purified silicone Gel film membrane over a mesh material that holds components in place until they are released by applying vacuum to the underside of the tray.

VRP Series: Vertec VR Tray is manufactured using new proprietary cross-linked polyurethane film. VRP provides same appearance and functionality as the traditional VR Tray, yet is both silicone-free and static dissipative.

VRV Series: Vertec VR Tray is manufactured using TPE film. Although this product offers similar functionality to traditional VR, the film appearance and device ease of unload are different.

Properties	VR	VRP	VRV
Elastomer	Purified Silicone Film	Cross-linked Polyurethane Film	Extruded TPE Film
Appearance	Clear	Clear	Hazy
ESD SR (ohms)	$>10^{15}$	$<10^9$	$>10^{15}$ (FE70 $<10^9$)
Ease of Unload	Best	Good	OK
Low Tack Level	XT, X0	EH02	FP64
Medium Tack Level	X4, X5	EH04 (TBD)	FM71, FE70
High Tack Level	X6, X8	(TBD)	FK79
Print Clarity	Clear	Clear	Hazy

Available Sizes:

- VRP: All 2" Tray, 4" Tray, and Large Format Plates, same as VR.
- VRV: Contact factory for VRV Tack Level & Mesh Table

