

## INTERNAL CLEARANCES AND USABLE AREAS

### Technical Datasheet

PRODUCT TYPE	INTERNAL BOX SIZE	TRAY/PLATE SIZE	USABLE AREA	CLEARANCE (mils)	PRINTABLE AREA
<b>AD-Series Gel Boxes</b>					
AD-11, AV-11 (T)	1.00" x 1.00" x 0.25"	n/a	0.75" x 0.75"	≈ 165	0.75" x 0.75"
AD-11, AV-11, APV-11 (C)	1.00" x 1.00" x 0.50"	n/a	0.75" x 0.75"	≈ 375	0.75" x 0.75"
AD-22, AV-22, APV-22	2.00" x 2.00" x 0.25"	n/a	1.75" x 1.75"	≈ 165	1.74" x 1.74"
AD-23, AV-23, APV-23	2.00" x 3.00" x .375"	n/a	2.75" x 1.75"	≈ 280	2.45" x 1.55"
AD-1135, AV-1135, APV-1135	4.625" x 3.50" x 0.50"	n/a	4.25" x 3.25"	≈ 375	3.80" x 2.68"
AD-1155, AV-1155, APV-1155	4.625" x 3.50" x .875"	n/a	4.25" x 3.25"	≈ 655	3.80" x 2.68"
AD-803, AV-803, APV-803	3.50" x 2.50" x 0.50"	n/a	3.25" x 2.25"	≈ 375	2.95" x 1.95"
AD-610, AV-610, APV-610	2.00" x 2.00" x 0.50"	n/a	1.75" x 1.75"	≈ 333	1.74" x 1.74"
AD-750, AV-750, APV-750	2.875" x 2.00" x 1.00"	n/a	2.63" x 1.75"	≈ 750	1.71" x 0.84"
AD-780, AV-780, APV-780	2.875" x 2.00" x 0.75"	n/a	2.63" x 1.75"	≈ 562	1.71" x 0.84"
AD-1980, AV-1980	9.94" x 3.50" x .625"	n/a	9.69" x 3.25"	≈ 465	7.90" x 2.50"
AD-2025, AV-2025	6.00" x 4.00" x 0.50"	n/a	5.75" x 3.75"	≈ 375	5.25" x 3.25"
AD-2090, AV-2090	7.00" x 3.50" x 1.00"	n/a	6.75" x 3.25"	≈ 750	6.25" x 2.00"
AD-2125, AV-2125	7.00" x 5.00" x 1.00"	n/a	6.75" x 4.75"	≈ 750	5.25" x 3.25"
<b>BD-Series Gel-Trays</b>					
BD-22, BV-22	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 65	1.62" x 1.62"
BD-610, BV-610	2.00" x 2.00" x 0.50"	2.00" x 2.00"	1.50" x 1.50"	≈ 315	1.62" x 1.62"
BM-22	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.70" x 1.70"	≈ 85	1.62" x 1.62"
<b>CD-Series Gel-Trays</b>					
CD-22	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.94" x 1.94"	≈ 215	1.68" x 1.68"
<b>2" and 4" Vacuum Release Trays</b>					
VR-16, VRV-16 (00A)	n/a	2.00" x 2.00"	1.41" x 1.41"	≈ 168	1.35" x 1.35"
VR-16, VRV-16 (00B)	n/a	2.00" x 2.00"	1.41" x 1.41"	≈ 92	1.35" x 1.35"
VR-16, VRV-16 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.41" x 1.41"	≈ 112	1.35" x 1.35"
VR-33, VRV-33 (00A)	n/a	2.00" x 2.00"	1.41" x 1.41"	≈ 178	1.35" x 1.35"
VR-33, VRV-33 (00B)	n/a	2.00" x 2.00"	1.41" x 1.41"	≈ 102	1.35" x 1.35"
VR-33, VRV-33 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.41" x 1.41"	≈ 122	1.35" x 1.35"
VR-76, VRV-76 (00A)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 154	1.52" x 1.52"
VR-76, VRV-76 (00B)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 78	1.52" x 1.52"
VR-76, VRV-76 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 98	1.52" x 1.52"
VR-103, VRV-103 (00A)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 156	1.52" x 1.52"
VR-103, VRV-103 (00B)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 80	1.52" x 1.52"
VR-103, VRV-103 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 100	1.52" x 1.52"
VR-137, VRV-137 (00A)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 158	1.52" x 1.52"
VR-137, VRV-137 (00B)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 82	1.52" x 1.52"
VR-137, VRV-137 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 102	1.52" x 1.52"
VR-195, VRV-195 (00A)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 158	1.52" x 1.52"
VR-195, VRV-195 (00B)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 82	1.52" x 1.52"
VR-195, VRV-195 (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 102	1.52" x 1.52"
VR-44-16, VRV-44-16 (CC, CAS or CT) <i>(previously VR-44/16, VRV-44/16)</i>	n/a	4.00" x 4.00"	2.97" x 2.97"	≈ 169	2.75" x 2.75"
VR-44-33, VRV-44-33 (CC, CAS or CT) <i>(previously VR-44/33, VRV-44/33)</i>	n/a	4.00" x 4.00"	2.97" x 2.97"	≈ 177	2.75" x 2.75"
NDT, NDTV (00B)	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 82	1.52" x 1.52"
NDT, NDTV (02)	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 102	1.52" x 1.52"

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Division of

# DELPHON

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PRODUCT TYPE	INTERNAL BOX SIZE	TRAY/PLATE SIZE	USABLE AREA	CLEARANCE (mils)	PRINTABLE AREA
<b>Large Format Vacuum Release Trays</b>					
<b>VRLF-100 (previously VR-925)</b>	6.38" x 6.00" x 0.80"	5.00" x 5.00" x .090"	4.00" x 4.00"	≈ 270	3.30" x 3.30"
<b>VRLF-125 (previously VR-926)</b>	7.53" x 7.05" x 0.85"	6.00" x 6.00" x .120"	5.00" x 5.00"	≈ 250	5.00" x 5.00"
<b>VRLF-150 (previously VR-927)</b>	8.90" x 8.31" x 0.96"	7.00" x 7.00" x .120"	6.00" x 6.00"	≈ 157	5.00" x 5.00"
<b>VRLF-200 (previously VR-200)</b>	9.41" x 9.41" x 1.97"	8.99" x 8.99" x .125"	8.00" x 8.00"	≈ 350	N/A
<b>VRLF-R300 (previously VR-R300)</b>	20.00" x 20.00" x .350"	17.00" x 17.00" x .240"	13.40" OD	TBD	N/A
<b>BTXF Trays</b>					
<b>BTXF-B-22 (00A)</b>	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 144	1.52" x 1.52"
<b>BTXF-W-22 (00A)</b>	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 144	1.52" x 1.52"
<b>BTXF-B-22 (00B)</b>	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 68	1.52" x 1.52"
<b>BTXF-W-22 (00B)</b>	n/a	2.00" x 2.00"	1.50" x 1.50"	≈ 68	1.52" x 1.52"
<b>BTXF-B-22 (02)</b>	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 88	1.52" x 1.52"
<b>BTXF-W-22 (02)</b>	2.00" x 2.00" x 0.25"	2.00" x 2.00"	1.50" x 1.50"	≈ 88	1.52" x 1.52"
<b>BTXF-B-44 (00B)</b>	n/a	4.00" x 4.00"	2.97" x 2.97"	≈167	2.75" x 2.75"
<b>BTXF-W-44 (00B)</b>	n/a	4.00" x 4.00"	2.97" x 2.97"	≈167	2.75" x 2.75"
<b>JEDEC Trays</b>					
<b>BTXF-B-MT-RH5 (Stack Tray)</b>	n/a	12.40" x 5.35"	11.59" x 4.55"	≈115	11.54" x 4.50"
<b>BTXF-B-MT-RH5 (Tray – Cover)</b>	n/a	12.40" x 5.35"	11.59" x 4.55"	≈120	11.54" x 4.50"
<b>BTXF-W-MT-RH5 (Stack Tray)</b>	n/a	12.40" x 5.35"	11.59" x 4.55"	≈115	11.54" x 4.50"
<b>BTXF-W-MT-RH5 (Tray – Cover)</b>	n/a	12.40" x 5.35"	11.59" x 4.55"	≈120	11.54" x 4.50"
<b>VMF Trays</b>					
<b>VMF-22 (00A)</b>	n/a	2.00" x 2.00"	1.37" x 1.37"	≈ 204	1.52" x 1.52"
<b>VMF-22 (00B)</b>	n/a	2.00" x 2.00"	1.37" x 1.37"	≈ 104	1.52" x 1.52"