

# Hiner-pack® MVWS Canister 200 mm

*Vertical stacking shipper with cassette,  
bottom, and top for wafer protection*

The vertical wafer shipper is a precision-engineered semiconductor wafer packaging solution, featuring a three-part design—bottom, cassette, and top cover—for maximum wafer safety. Holding up to 25 full-thickness wafers, its compact layout minimizes internal movement, ensuring wafers remain stable in their slots during transit, thereby reducing the chance of edge chipping or surface damage. Support springs or alignment keys in the upper cover secure each wafer, eliminating tilt, vibration, and contact between wafers. Built to industry-standard cassette dimensions, this wafer cassette container integrates seamlessly with load ports, robotic handlers, and cleanroom storage racks. Made from anti-static polypropylene, which can resist ionic contamination, outgassing, and static discharge.

## SPECIFICATIONS

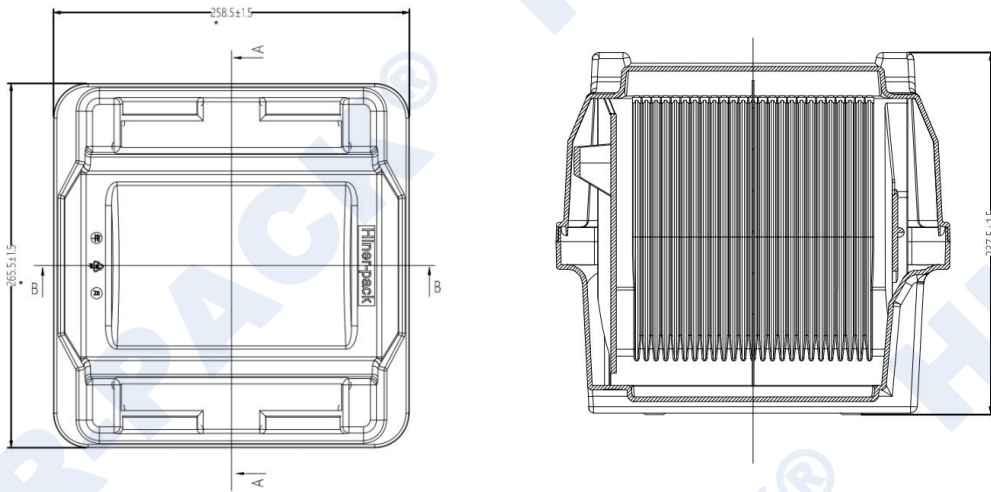
- 265.5 mm L × 258.5 mm W × 237.5 mm H (10.45" × 10.18" × 9.35")
- Maximum load capacity is 25 pieces
- Sold in full case quantity (8)

## FEATURES & BENEFITS

- Made from low-particle/ionic/outgassing material
- Three-piece design includes bottom, cassette, and top
- Springs or alignment features inside the upper cover prevent wafer movement during handling
- Compatible with automation load ports and standard cassette handling tools



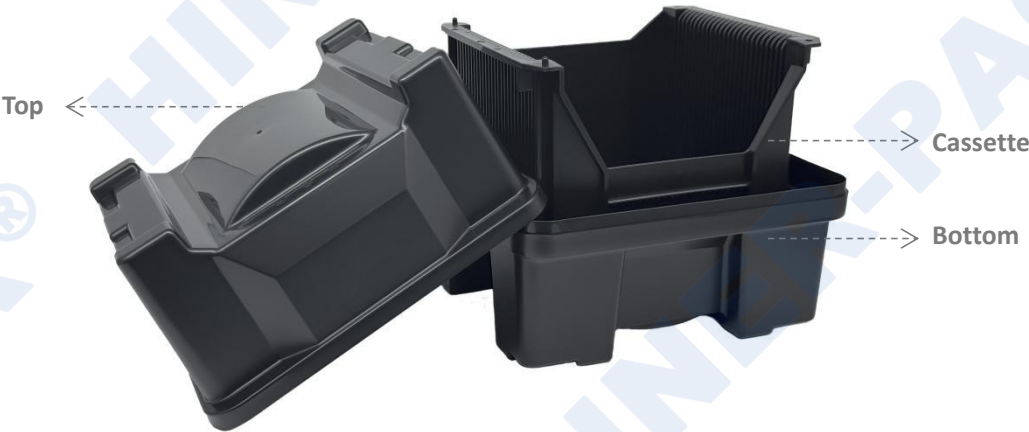
DIMENSION



BASIC INFORMATION

Part Number	Collocation Reference	Wafer Size
MVWS-8/25-BL	Bottom+Cassette+Top	200 mm

REFERENCE ILLUSTRATION



The above illustration is for reference only. Please refer to the actual product for accuracy.

## TECHNICAL DATA

PROPERTY	TEST METHOD	RATED VALUES
Density	ISO 1183-1 (23°C)	1.0 g/cm <sup>3</sup>
Melt Index (350°C/5kg)	ASTM D-1238	15.0 g/10min
Shrinkage Percentage	ISO 2577	1.2~1.6 %
Tensile Strength	ISO 527-2 (50mm/min)	25 MPa
Tensile Strain at Break	ISO 527-2 (50mm/min)	10 %
Flexural Strength (Fracture)	ISO 178 (2mm/min)	27 MPa
Flexural Modulus	ISO 178 (2mm/min)	1150 MPa
LZOD Notch Impact Strength (3.2mm)	ISO 180 (23°C)	30 kJ/m <sup>2</sup>
Surface Resistivity	ASTM D-257	1.0×10 <sup>4</sup> ~1.0×10 <sup>9</sup> Ω/sq
Flame Retardant Rating	UL 94	HB Class

The information on technical data included in this document is based on our experience to date, and we believe it to be reliable. Data is obtained from specimens molded under controlled conditions from representative samples of the compound described. Properties may be affected by the molding techniques and by the size and shape of the item molded. We cannot guarantee favorable results and no assurances can be implied that all molded articles have the sample properties as those listed.



Hiner-pack®

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