

Hiner-pack® FVWS Canister 200 mm

Reliable wafer shipping solution ensuring protection from contamination and mechanical damage

Purpose-built for wafers mounted on dicing, flex, or film frames, this vertical wafer shipper secures frames in a stable standing orientation, reducing movement and safeguarding wafer integrity. Molded slots align precisely with frame edges, preventing direct wafer contact and eliminating slippage or edge chipping. The top cover features a spring-loaded design to lock frames firmly in place, preventing breakage during shipping. Made from high-purity, static dissipative polymer materials, it resists ionic contamination and outgassing, and prevents static charge buildup. Cleaned and sealed in a Class 100 cleanroom environment, this wafer transport container ensures particle-free storage —ideal for semiconductor manufacturers demanding consistent protection and cleanliness.

SPECIFICATIONS

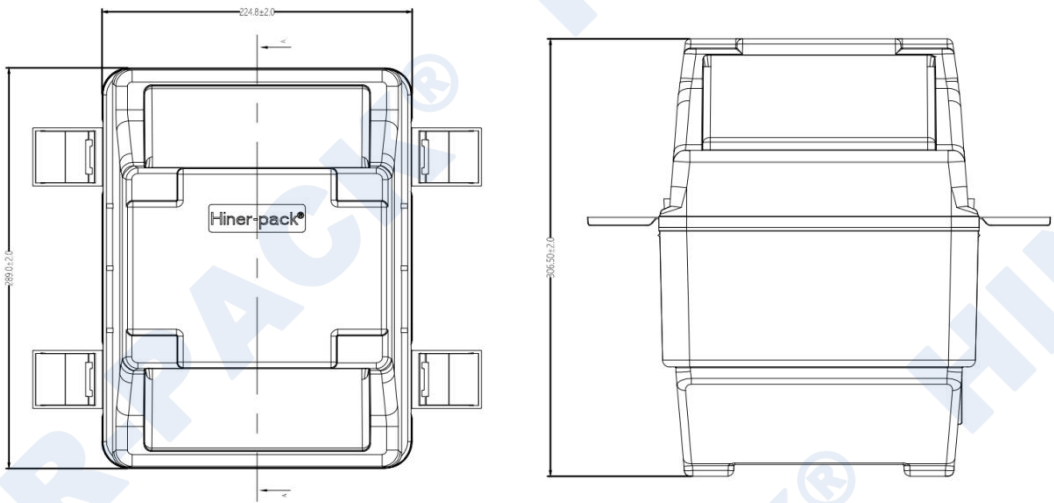
- 289 mm L × 224.8 mm W × 306.5 mm H (11.38" × 8.85" × 12.04")
- Maximum load capacity is 25 pieces
- Sold in full case quantity (4)

FEATURES & BENEFITS

- Made from low particle/ionic/outgassing material
- Vertical secures wafers already mounted on flex, dicing, or film frame
- Spring design in the upper cover can effectively avoid the frames movement, prevent wafer breakage
- Reusable for cost-efficient shipping



DIMENSION

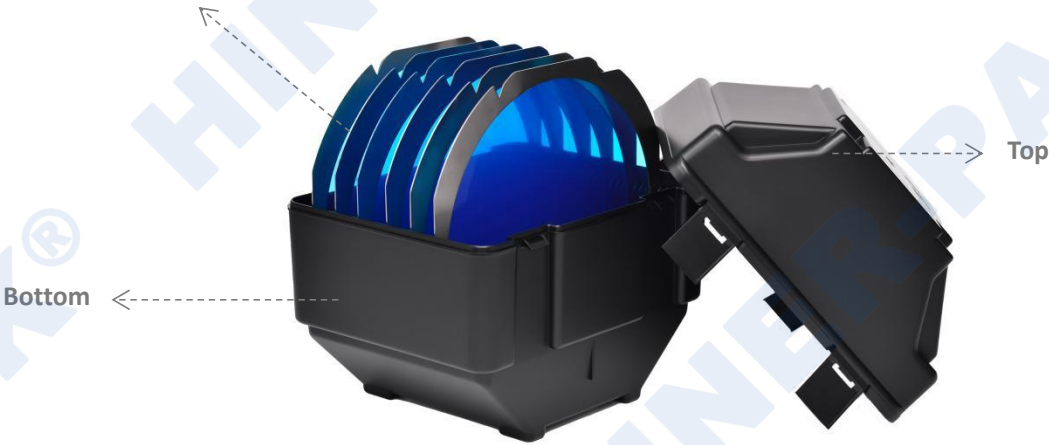


BASIC INFORMATION

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

REFERENCE ILLUSTRATION

Flex Frame Ring with Blue Tape/ UV Curing



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 ³
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 ²
Surface Resistivity	ASTM D-257	1.0×10 ⁴ ~1.0×10 ⁹ 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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