Hiner-pack® SVFWS Carrier 300 mm

Protects single wafer on film frames from vibration, shock, and particle contamination

The vacuum-formed flex frame single wafer shippers provide a lightweight, safe, and ergonomic means to ship and store single wafers mounted on flex, dicing, or film frames. Flex frame shippers are designed to protect the wafers on the frame and to prevent any contact with the wafer surface. The clamshell design, distinct from the traditional coin-style packaging, ingenious design makes it lightweight while still offering a secure enclosure that excels in contamination control. The conductive PET material shippers, utilizing properties that dissipate static charges, are indispensable in environments where the slightest electrostatic interaction could compromise wafer functionality. This makes them an essential asset for shipping components that are particularly susceptible to static damage. Their ability to shield sensitive wafers from electrostatic forces, while also preventing contamination, positions these shippers as a pivotal solution in the high-stakes realm of semiconductor manufacturing and distribution.

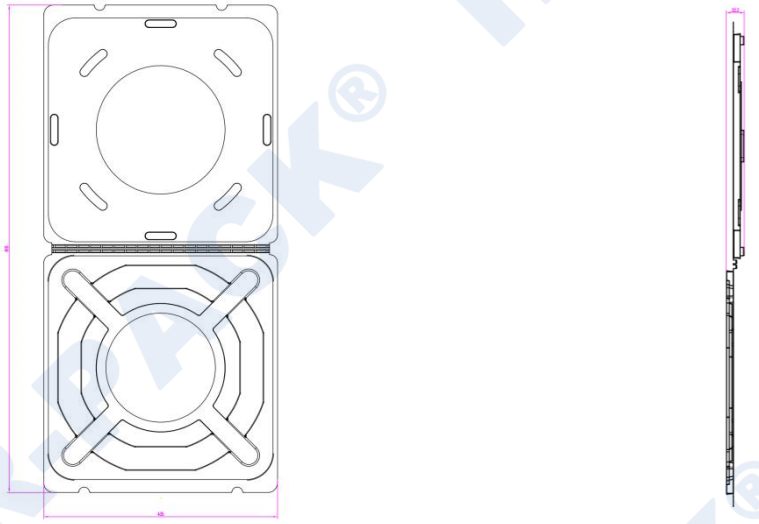
SPECIFICATIONS

- 910 mm L × 435 mm W × 33.2 mm H (35.83" × 17.13" × 1.31")
- Maximum load capacity is 1 piece

FEATURES & BENEFITS

- Black PET material provides impact resistance and static control
- Secures wafers already mounted on flex, dicing, or film frame
- Designed with secure locking systems to ensure the contents remain protected.
- Vacuum-formed construction is lightweight and stackable

DIMENSION



BASIC INFORMATION

Part Number	Material	Wafer Size
SVFWS-12-BL	PET	300 mm

REFERENCE ILLUSTRATION

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

TECHNICAL DATA

PROPERTY	RATED VALUES	UNIT
Thickness	0.01-1.00 (+0.01)	mm
Width	510-780 (+1.0)	mm
Density	1.33	g/cm³
Strength	>60	MPa
Percentage of Breaking Elongation	>200	%
Light Transmittance	>92	%
Glossiness	100	%
Point Defects	1.2 m< 1	--
Bubble	Without	--
Specific Viscosity	0.800+0.020	iv/g
Flame Spot	>243+3	°C
Terminal Acid Group	<30	mol.
Color Value	L>80	--
	B<1.0	--
Crystallinity	50~60	%
Diethylene Glycol	<1.6	%
Acetaldehyde	<2.0	%
Moisture	<0.4	%
Ash	<0.02	%
Antistatic Agent	<2.0	%

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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