Hiner-pack® SVFWS Carrier 300 mm

Designed for secure transport of single wafers mounted on film frames

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 frame and to prevent any contact with the wafer surface. The clamshell-style design has significantly elevated the standards of safety and efficiency in wafer transportation. These shippers, available in both black and clear color variants, cater to the nuanced demands of semiconductor shipping, ensuring optimal protection against environmental threats and electrostatic discharge (ESD). The conductivity of the material is tailored to mitigate the risks of ESD, safeguarding the electrical integrity of wafers, and the transparent properties of the material can excel in providing a clear view of the contained wafer, thus facilitating easy inspection without compromising the sterile environment crucial for semiconductor components.

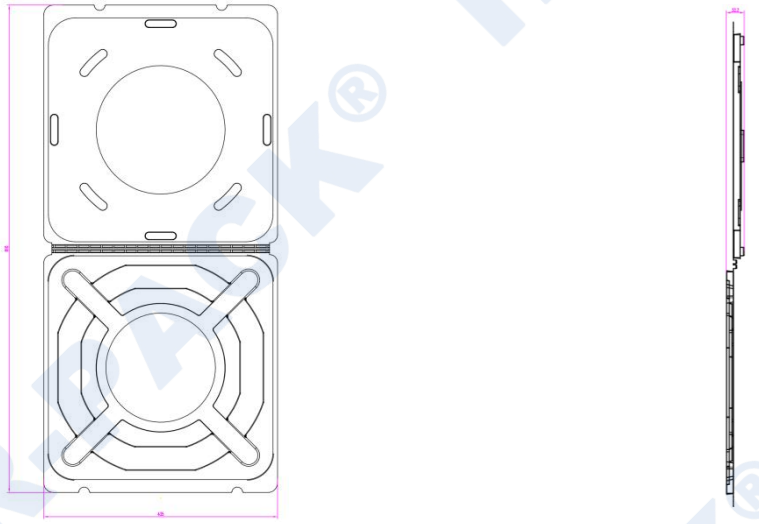
SPECIFICATIONS

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

FEATURES & BENEFITS

- Made from clear PET, offering strength and clarity, which allows for easy visibility of the contents
- 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

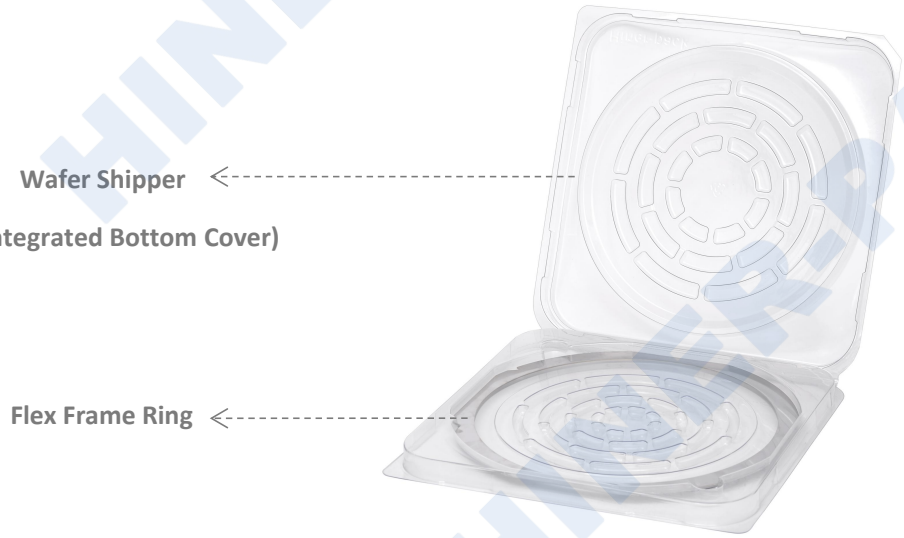
DIMENSION



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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