



SMARTSTACK® WAFER INSERTS

Safely protect and transport finished wafers in full, thin or ultra-thin thicknesses

Overview

Decreased wafer line width and die bond pad size due to advancements in lithography have resulted in the need for improved ionic and outgassing and reduced particle count in materials used in “horizontal” wafer or “coin stack” shipping applications.

SmartStack® wafer inserts provide the ionic and outgassing protection necessary to maintain wafer integrity during transport, storage or shipping.

Features

- ESD safe for maximum wafer/device protection
- Automation-friendly
- Cleanroom packed, low-particle, low-ionic, wafer inserts for increased protection against die bond corrosion and particle contamination
- Optimized thickness accommodates any wafer thickness
- *devicecare.com* online packing calculator determines the proper number of inserts to use, based on the number of wafers, to maintain wafer integrity

Wafer Sizes

- 150 mm
- 200 mm
- 300 mm



Specifications

- Thickness: 0.127 mm (0.005")
- Cleanroom packaged
- Full case/bag quantity (500)
- Material: Tyvek® 1056D or 1057D (Europe)
- Color: white
- Converted in an ISO Class 7 cleanroom or cleaner
- Particle level per IEST-STD CC1246D, Class 200

Ordering Information

Part Number	Wafer Size	Description
HWS150-5TY500-INS	150 mm	SmartStack (white)
HWS200-5TY500-INS	200 mm	
HWS300-5TY500-INS	300 mm	

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the “Customer Service” link for the center nearest you.

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