



FILM FRAME HANDLING AND TRANSPORT SOLUTIONS

Maximum protection for finished wafers

Film Frame Rings

Entegris film frame rings are the preferred solution over metal rings because they are ergonomic, provide safe support during shipping and handling operations and are extremely lightweight.

Entegris film frame rings offer these features:

- Compatible with automatic frame handling tools
- Durable and reusable
- 60 percent lighter than metal rings
- No warping
- A fraction of the cost of metal rings
- Multiple frame sizes for transporting 150 mm, 200 mm and 300 mm wafers



150 mm, 200 mm and 300 mm film frame rings

Multiple Film Frame Shippers

Entegris has been a leader in film frame shipping since 1993 and our multiple shippers are the most popular units in the world for safely shipping wafers or singulated die. Entegris film frame shippers provide a safe, clean, compact environment for frame storage.

Many customers use this product for WIP storage in their production line. Multiple film frame shippers from Entegris offer the following benefits:

- Safely ship or store 13 wafers for 300 mm units or 25 wafers for 150 mm and 200 mm wafers mounted on frames
- Fully reusable with replaceable cushion
- Seal minimizes particle transfer during shipping
- Accommodates frame sizes for 150 mm, 200 mm and 300 mm wafers, plastic or metal
- Available in transparent polypropylene and ESD-protective materials



150 mm, 200 mm and 300 mm multiple film frame shippers

Single Film Frame Shippers

Entegris film frame shippers provide a convenient, safe and ergonomic means to ship and store wafers mounted on film frames. Film frame shippers are designed to protect the frame and to prevent any contact with the wafer surface. The unique design of the film frame shipper is a result of more than 12 years of frame shipping experience.

The following features are offered:

- Trays stack and snap together conveniently
- Multiple trays can be shipped or stored together for greater economy
- Lightweight (1 kg) and easy to carry
- Parabolic design prevents wafer contact
- Finger slots for safe wafer extraction
- Shippers for both 200 mm and 300 mm applications
- Available in ESD protective materials
- RFID capable to enable monitoring/tracking of product



200 mm and 300 mm single film frame shippers

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.

Terms and Conditions of Sale

All purchases are subject to Entegris’ “Terms and Conditions of Sale.” To view and print this information, visit Entegris’ website at www.entegris.com and select the Legal Notices link from the footer found on the home page.

Entegris® is a registered trademark of Entegris, Inc.

ENTEGRIS, INC.

Corporate Headquarters | 129 Concord Road | Billerica, MA 01821 USA
Customer Service Tel. +1 952 556 4181 | Customer Service Fax +1 952 556 8022
In North America 800 394 4083 | www.entegris.com