



Management of Arena Liquid Liners and the Arena 330 Shipper at Elevated Temperatures

The following guidelines are to be used in the filling, maintaining, reheating, stacking and transport of A330 shippers and liners at elevated temperatures.

A. For **filling** at elevated temperatures;

1. Use Proper Personal Protective Equipment while hot filling.
2. Do not fill over 300 gallons (1136 L).
3. Maximum fill temperature of 185°F (85°C).
4. Allow tote to cool to 120°F, (49°C) on a flat surface before racking, stacking or shipping.
5. Do not purge air into the enclosed bag before or after filling.
6. Bottom of the tote must be fully supported on a flat surface.
7. Heavy fill hoses should be supported or counter-balanced to reduce weight on the fitment during the fill process.
8. Hot Fill Gland Clamp AP3094 (3") or AP3095 (2") must be used for all fills above 160°F (71°C).

B. For **stacking** and **racking** at elevated temperatures;

9. Stationary stacking of hot filled A330 shippers can be done up to 3 high using 15000_006 Hot Stack Fixture.
10. Racking of elevated hot filled A330 shippers can be done only if all 9 footpads are supported.

C. For **maintaining** or **reheating** to elevated temperatures using heater pads, blankets, or chambers;

11. Maximum elevated temperature of 130°F (54°C).
12. While reaching or maintaining elevated temperature in A330 shippers, stacking can be done up to 3 high using 15000_006 Hot Stack Fixture.
13. While reaching or maintaining elevated temperature in A330 shippers racking can be done only if all 9 footpads are supported.