

95kPa Specimen Transportation Bag

Technical Specification Document

Document Identification

1. **Document Type:** Product Specification
2. **Product Name:** 95kPa Specimen Transportation Bag with 7-Slotted Absorbent Pocket Sleeve
3. **Item Number:** L300420
4. **Document Version:** Ver20130428
5. **Last Updated Date:** [To be filled by user; recommended format: YYYY-MM-DD]

1. Manufacturer Information

6. **Company Name:** Advance International Corp. (Anhui Hong Import and Export Co., Ltd.)
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11. **Company Website:** www.ah-ai.com

2. Product Overview

This product is a specialized pressure-resistant container designed for the safe transportation of biohazardous specimens. Key features include a 95kPa pressure rating (to withstand standard shipping conditions) and an integrated 7-slotted absorbent pocket sleeve (to contain potential leaks). It is widely applied in:

12. Clinical Research Organizations (CROs)
13. Medical Service Centers
14. Bioscience Laboratories
15. Biorepositories

3. Core Specification Parameters

3.1 Physical Characteristics

Parameter	Specification	Remarks
Transportation Bag Size	420 mm (Length) × 300 mm (Width)	Approx. 16.5" × 12" (imperial equivalent)
7-Slotted Absorbent Sleeve Size	330 mm (Length) × 170 mm (Width)	No imperial dimension available
Operating Temperature Range	-40 °C ~ +55 °C	Suitable for global transportation climates
Pressure Resistance	95kPa	Maintains structural integrity during handling/shipping
Structural Design	Integrated (1 absorbent sleeve pre-inserted per bag)	No additional assembly required before use

3.2 Absorption Performance

16. **Test Medium:** Normal saline (industry standard for absorption testing)
17. **Single Sleeve Capacity:** Minimum 550 ml
18. **Combined Capacity (2 Sleeves):** Minimum 1100 ml

3.3 Applicable Substances

Certified for biohazardous materials with the following United Nations (UN) hazard codes:

19. UN 2814
20. UN 2900
21. UN 3373

4. Compliance & Certification

4.1 Applicable International Standards

The product fully meets the requirements of:

22. International Civil Aviation Organization (ICAO) Packaging Instruction 650
23. U.S. Code of Federal Regulations (CFR) Title 49, Parts 100–195

24. P650 Specifications (ADR/RID/International Maritime Dangerous Goods (IMDG) Code)
25. PI650 Specifications (ICAO Technical Instructions & International Air Transport Association (IATA) Dangerous Goods Regulations (DGR))

4.2 Authorized Certifying Bodies

Region	Certifying Body	Contact Information
North America	gH Package Testing Consulting Inc.	Address: 4590 Thunderbird Lane, Fairfield, OH 45014, USATel: (513) 870 0080Fax: (513) 870-0017
Europe	Institut Belge de l'Emballage srl / Belgisch Verpakkingsinstituut bv	Address: Z.1 Researchpark 280, 1731 Zellik, BelgiumTel: +32 2 464 02 10

5. Packaging & Storage Instructions

5.1 Product Packaging

Packaging Level	Details
Inner Packaging	Each bag (with absorbent sleeve) is individually sealed to preserve dryness and sterility
Outer Packaging	200 individually sealed units per corrugated carton (for bulk storage/shipping)

5.2 Storage Requirements

26. **Environment:** Cool, dry, well-ventilated area
27. **Prohibited Conditions:**

1. Direct sunlight exposure
 2. Humidity > 60% relative humidity (RH)
 3. Temperatures outside -40 °C ~ +55 °C
 4. Contact with corrosive substances or sharp objects
28. **Shelf Life:** [To be filled by user; refer to batch-specific labels provided by the manufacturer]

5.3 Transportation Notes

29. Comply with local and international regulations for biohazardous cargo transport.
30. Avoid severe collision, extrusion, or dropping (to prevent pressure-resistant structure damage).
31. Maximum stacking weight on outer cartons: [To be filled by user; consult manufacturer for batch-specific limits]

6. Usage Reminders

32. Do not use the bag if the sealed packaging is damaged (risk of sterility loss or absorbent failure).
33. Ensure the 7-slotted sleeve is properly positioned before placing specimens.
34. For non-standard transportation conditions (e.g., extreme altitude), contact the manufacturer for additional guidance.