

# HURST

CASE STUDY

## LABEL & ADHESIVE REMOVAL FROM LEAD LINED PLASTIC CANISTERS

**HURST CORPORATION** patented label delaminating system employs a reel-to-reel type sticky tape dispenser and a specially developed ultra sticky adhesive tape comprising a 2mil flood coated extreme high initial tack adhesive and a tough 1mil polyester backing. When applied to a 2-layer film type label (PVC, PP or Mylar, etc.) **HURST** delaminating tape removes both the top printed layer and the bottom adhesive layer as an integral unit.

Using this technique, **HURST** was able to offer a lead-lined vial recycling system to a major radioactive pharmaceutical manufacturer. All lead-lined vials were formerly single use only. Savings were extremely significant.

Label removal tests were conducted to remove bi-oriented polypropylene labels with permanent type acrylic pressure sensitive adhesive. Adhesive set time: 96 hours.



Vial Description: Thallous Chloride  
Size: 1.875" diameter x 2.75" overall  
Plastic surface: blue matte  
Pre-heat surface only: 145° F  
Label: 1.5" x 3" die cut polypropylene  
Removal tape: Hurst H-95

Full label removal: yes  
Adhesive residue: trace



Vial Description: Sodium Iodide  
Size: 1.1875" diameter x 2.5625"  
Plastic surface: white gloss  
Pre-heat surface only: 145° F  
Label: 1.5" x 3" die cut polypropylene  
Removal tape: Hurst H-95

Full label removal: yes  
Adhesive residue: minimal trace

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