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Part # U4025-PE-D  
 U7000 Material

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Please review this drawing for accuracy. Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1/4" Round Corners

White on Red Background

4"

**Explosion hazard!**  
 VERIFY NO SHORT CIRCUITS  
 ON SECONDARY BEFORE  
 ENERGIZING.  
 CATASTROPHIC FAILURE CAN OCCUR.

U4025-PE-D

2.5"

**U7000 Material:** 0.007" retro-reflective sheeting, road sign grade with enclosed optical lens elements, engineering grade. Printed using automotive grade solvent based ink, thickness dry .0004" +/- .0001" with 30 micron emulsion, applied using a 158 mesh screen. Short term UV cured inks are not acceptable. **Over laminate:** 0.002" UV filtering PVDF over laminate. **Adhesive:** 0.0015" solvent based, permanent acrylic ASTM grade D 4956 Class 1 with .007" protective liner, kraft coated one side, with back slit. After 72 hours non removable intact. Water based adhesives or film liners are not acceptable in any part of this construction.

**Durability:** Minimum lifetime exterior durability of 20-25 years with proper surface preparation. Defective materials will be replaced at no charge.

**Compliance:** NESC and ANSI Z535-2011 compliant, UL 969 certified. All pieces shall pass a UL 969 Legibility Test and UL 969 Defacement Test. Material must have a current UL file number to be approved. Uticom UL file number for U7000 material is MH48956. Uticom will monitor all applicable standards and update graphics as changes occur.