



# PRODUCT DATA SHEET

## HS 035 Lite/PET

### PRODUCT DESCRIPTION

**Description:** A paper-backed aluminum foil coated with a clear heat sealable coating blend of high molecular weight ethylene and vinyl acetate copolymers on the foil.

**FDA Status:** Complies with Federal Regulations of H.E.W., FDA, sections 175.105, 175.300, 176.170, 176.180, 177.1350, 177.1630, 178.3710, and 182.1.

### RECOMMENDED STORAGE CONDITIONS

The material should be stored in well-ventilated area (temp. 60° - 80°F; RH – 40% - 60%). Material and lined closures are heat sensitive. Storage or shipping temperatures should not be in excess of 105°F. Curling, blocking, splitting, or foil separation may result. If material becomes chilled, it should be stored under the recommended conditions until stabilized. Avoid storing closure liner materials over 60 days. Metal foil is prone to corrosion.

### PHYSICAL AND CHEMICAL PROPERTIES

- |   |                 |
|---|-----------------|
| <b>1. Color</b>   | Aluminum        |
| <b>2. Thickness, mils</b>                                 |                 |
| a) Overall  | 8.51 - 10.63    |
| b) Heat Seal and film                                     | 1.45 - 1.95     |
| c) Aluminum foil  | 0.31 - 0.38     |
| d) Backing and film                                       | 6.75 - 8.30     |
| <b>3. Basis Wt. Lbs./Ream 3000 ft.<sup>2</sup></b>        |                 |
| a) Overall  | 128.65 - 169.55 |
| b) Heat Seal and film                                     | 28.50 - 42.90   |
| c) Aluminum foil  | 13.30 - 16.20   |
| d) Backing and film                                       | 86.85 - 110.45  |
| <b>4. Heat Seal Coating</b>                               |                 |
| a) Melting Point °F                                       | 150 - 160       |
| b) Blocking Point °F                                      | 130 – 135       |
| <b>5. Gas Transmission: cc/cin<sup>2</sup>/24hrs/1atm</b> |                 |
| a) Oxygen   | near zero       |
| <b>6. Water Vapor Transmission</b>                        |                 |
| a) gm/cin <sup>2</sup> /24hrs/100°F/90%RH                 | near zero       |

### SUGGESTED PRODUCT USES

Material is an induction heat sealable tamper indicating innerseal which can be used for over-the-counter drug products on Polyethylene, Glass\*, PET, PVC, Polystyrene, and Polypropylene.

**Dry Products  
Fruit Juices  
Milk**

**Glass Cleaner  
Peroxide  
Spices**

Product applications listed above are a partial listing and do not cover all suitable applications. These are suggestions for general categories and user must test for suitability for their specific product. Not suitable for products containing oil.

***\*Glass must be treated for proper adhesion.***

PRODUCT NAME: HS035 LITE/PET  
Rev. 042711

The technical information and suggestions for use made herein are based on SANCAP Liner research and experience and are believed to be reliable, but such information and suggestions do not constitute a warranty, and no patent liability can be assumed. Since SANCAP Liner has no control over the conditions under which the product is transported, stored, handled, used, or applied, buyer must determine for themselves, by preliminary tests or otherwise, the suitability of the product for their purposes. All products are sold subject to SANCAP Liner's written warranty, which is in lieu of all other warranties or merchantability and fitness for a particular purpose. SANCAP Liner's liability on any basis is limited to the price of the product used.