



PRODUCT DATA SHEET

HS 056 HEAT SEAL

PRODUCT DESCRIPTION

Description: An aluminum foil, polyester combination coated with polyethylene, wax bonded to white lined pulp.

FDA Status: Complies with Federal Regulations of H.E.W., FDA, sections 177.1210, 177.1520, 177.1630, and 182.1. It is entered in SANCAP Liner's food master file FMF 166 and drug master file DMF 2518.

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

- | | |
|---|---------------|
| 1. Color | Aluminum |
| 2. Thickness, mils | |
| a) Overall | 2.86 - 3.17 |
| b) Polyethylene | 1.43 - 1.57 |
| c) Polyester | 0.48 - 0.55 |
| d) Aluminum Foil | 0.95 - 1.05 |
| 3. Basis Wt. Lbs./Ream 3000 ft.² | |
| a) Overall | 76.60 - 84.65 |
| b) Polyethylene | 24.20 - 31.00 |
| c) Polyester | 10.80 - 11.25 |
| d) Aluminum Foil | 41.60 - 42.40 |
| 4. Heat Seal Coating | |
| a) Melting Point °F | 290 - 300 |
| b) Blocking Point °F | 220 - 225 |
| 5. Gas Transmission: cc/cin²/24hrs/1atm | |
| a) Oxygen | nil |
| 6. Water Vapor Transmission | |
| a) gm/cin ² /24hrs/100°F/90%RH | nil |

SUGGESTED PRODUCT USES

Material is a heat sealable tamper indicating innerseal which can be used for over-the-counter drug products on polyethylene bottles.

Dry Products
Motor Oil
Cooking Oil
Shampoo

Fruit Juices
Anti-Freeze
Vinegar

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.

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.

PRODUCT NAME: HS 035 HEAT SEAL
 Rev. 050311