



PRODUCT DATA SHEET

HS 035 Heat Seal

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, 178.3710, and 182.1. It is entered in SANCAP Liner's food master file FMF 166 and drug master file DMF 2518.

PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|---------------|
| 1. Color | Aluminum |
| 2. Thickness, mils | |
| a) Overall | 4.41 - 6.38 |
| b) Heat Seal Coating | 1.50 - 3.00 |
| c) Aluminum Foil | 0.31 - 0.38 |
| d) Paper | 2.60 - 3.00 |
| 3. Basis Wt. Lbs./Ream 3000 ft.² | |
| a) Overall | 67.30 - 94.90 |
| b) Heat Seal Coating | 20.70 - 41.90 |
| c) Aluminum Foil | 13.30 - 16.20 |
| d) Paper | 33.30 - 36.80 |
| 4. Heat Seal Coating | |
| a) Melting Point °F | 150 - 160 |
| b) Blocking Point °F | 130 - 135 |
| 5. Gas Transmission: cc/cin²/24hrs/1atm | |
| a) Oxygen | nil |
| 6. Water Vapor Transmission | |
| a) gm/cin ² /24hrs/100°F/90%RH | near zero |

PRODUCT NAME: HS035 HEAT SEAL
Rev. 050211

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.

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.***

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