



# PRODUCT DATA SHEET

## HS 503 HEAT SEAL/20F VENTING LINER

### 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 paper side bonded to polystyrene foam.

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

1. **Color** White
2. **Thickness, mils**
  - a) Overall 24.81 - 30.88
  - b) Heat Seal Coating 1.50 - 2.00
  - c) Paper 5.00 - 6.50
  - d) Aluminum Foil 0.31 - 0.38
  - e) Foam 18.00 - 22.00
3. **Basis Wt. Lbs./Ream 3000 ft.<sup>2</sup>**
  - a) Overall 170.00 - 201.80
  - b) Heat Seal Coating 20.70 - 27.60
  - c) Paper 69.00 - 76.00
  - d) Aluminum Foil 13.30 - 16.20
  - e) Foam 67.00 - 82.00
4. **Heat Seal Coating**
  - a) Melting Point °F 150 - 160
  - b) Blocking Point °F 130 - 135
5. **Gas Transmission: cc/cin<sup>2</sup>/24hrs/1atm**
  - a) Oxygen 15.0
6. **Water Vapor Transmission**
  - a) gm/cin<sup>2</sup>/24hrs/100°F/90%RH 0.30

### SUGGESTED PRODUCT USES

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

#### Dry Products

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.

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