



# PRODUCT DATA SHEET

## HS 402P HEAT SEAL

### PRODUCT DESCRIPTION

**Description:** An aluminum foil, polyester combination coated with Surlyn® for clean and easy peel.

**FDA Status:** Complies with Federal Regulations of H.E.W., FDA, sections 175.300, 177.1210, 177.1330, 177.1520, 177.1630, 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

- |   |               |
|---|---------------|
| <b>1. Color</b>   | Aluminum      |
| <b>2. Thickness, mils</b>                                 |               |
| a) Overall  | 3.18 - 3.80   |
| b) Surlyn   | 1.75 - 2.25   |
| c) Polyester  | 0.48 - 0.50   |
| d) Aluminum Foil  | 0.95 - 1.05   |
| <b>3. Basis Wt. Lbs./Ream 3000 ft.<sup>2</sup></b>        |               |
| a) Overall  | 78.60 - 85.80 |
| b) Surlyn   | 26.20 - 32.15 |
| c) Polyester  | 10.80 - 11.25 |
| d) Aluminum Foil  | 41.60 - 42.40 |
| <b>4. Gas Transmission: cc/cin<sup>2</sup>/24hrs/1atm</b> |               |
| a) Oxygen   | nil           |
| <b>5. Water Vapor Transmission</b>                        |               |
| a) gm/cin <sup>2</sup> /24hrs/100°F/90%RH                 | nil           |

### SUGGESTED PRODUCT USES

Material is an induction heat sealable tamper indicating innerseal which can be used for over-the-counter drug products on polyethylene bottles, treated glass, and polystyrene.

**Dry Products**  
**Cooking Oil**

**Salad Dressing**  
**Peanut Butter**

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.