PRODUCT DATA SHEET
HS 035 HEAT SEAL// 35 WHITE LINED PULP

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 wax bonded to white lined board.

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, 182.90, and 186.173. 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	38.31 - 44.48
b)	Heat Seal Coating	1.50 - 3.00
c)	Aluminum Foil	0.31 - 0.38
d)	Paper	2.60 - 3.00
e)	Wax	0.90 - 1.10
f)	White Lined Pulp	33.00 - 37.00
3.	**Basis Wt. Lbs./Ream 3000 ft.^{2}**	
a)	Overall	365.80 - 526.40
b)	Heat Seal Coating	20.7 - 41.9
c)	Aluminum Foil	13.3 - 16.2
d)	Paper	33.3 - 36.83
e)	Wax	13.5 - 16.5
f)	White Lined Pulp	285.0 - 415.0
4.	**Heat Seal Coating**	
a)	Melting Point ºF	150 - 160
b)	Blocking Point ºF	130 – 135
5.	**Gas Transmission: cc/cin^2/24hrs/1atm**	
a)	Oxygen	nil
6.	**Water Vapor Transmission**	
a)	gm/cin^2/24hrs/100ºF/90%RH	Near zero

RECOMMENDED STORAGE CONDITIONS

The material should be stored in well-ventilated area (temp. 60º - 80ºF; RH – 40% - 60%). Material and lined closures are heat sensitive. Storage or shipping temperatures should not be in excess of 105ºF. 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.

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.