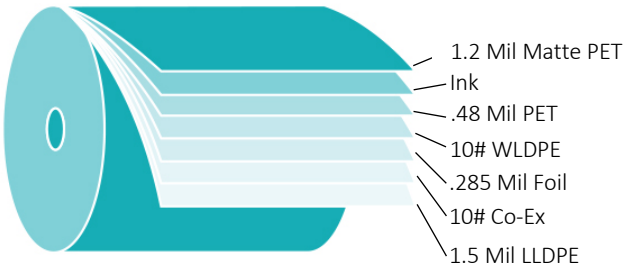
WMPF470

SONDER PAK

White Matte Polyester Cosmetic Web 470 Foil



This flexible packaging material is designed primarily for form, fill and seal processes. This structure is used for packaging of dry, wet and liquid goods. It is heat sealable and the foil core provides superior moisture, oxygen and light barriers. This structure provides superior scratch resistance, toughness and is surface imprintable.

MATERIAL SPECIFICATIONS

This White Matte Polyester Cosmetic Web 470 Foil consists of 1.2 Mil Matte PET / .48 Mil PET / 10# WLDPE / .285 mil Foil / 10# Co-Ex / 1.5 mil LLDPE, and complies with CFR Title 21, Sections 177.1520 (c) 3.1, 177.1350, 178.2010, 178.3297(e) and 178.3860. Compliance with these regulations allows for direct product contact with all food types.

PHYSICAL PROPERTY	TYPICAL VALUE
Caliper	4.7 mils
Yield	5.29 msi/lb

LAYER PROPERTY	RESULTS
EXTERIOR LAYER PERFORMANCE PROPERTIES	
Dimension Stability	Excellent
Flex Crack Resistance	Good
Ink Recommendation	Film Inks
Stiffness / Flexibility	Average
Minimum Tear Propagation	170 Grams
Minimum Tear Resistance	59 MD / 72 CD Grams-Force
BARRIER LAYER PERFORMANCE PROPERTIES	
Chemical Resistance	Good
Light	Excellent
Moisture Vapor Trans Rate	0.0004 Grams / 100 sq. in. / Day
Odor	Excellent
Oxygen Vapor Trans Rate	0.0 cc / 100 sq. in. / Day
SEALANT LAYER PERFORMANCE PROPERTIES	
Caulk and Flow	Good
Hot Tack	Good
Coefficient of Friction	0.48 Kinetic (Seal to Seal)
Puncture Resistance	14.2 Pounds of Force
Seal Initiation Temperature	340°F
Seal Strength	7000 g/in (350°F / 40 psi / 0.5 secs)
Seal through Contamination	Good
Burst Strength	58 psi
RECOMMENDED STORAGE CONDITIONS	
Recommended Storage Temperature	72°F - 95°F (23°C - 35°C)
Recommended Relative Humidity	50% - 65%
Shelf Life	12 months from date of purchase

This information represents the typical values for this material. It is not intended to be used to evaluate fitness for use. All materials and recommendations should be tested by the user for applicability and final approval.