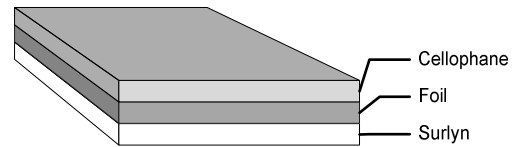


Product Name: Cello/Poly/Foil/Surlyn

Description: This Cello / Poly / Foil / Surlyn structure is a cellophane-faced, silver aluminum foil packaging material with a Surlyn sealant. This product is designed to seal through oils and powders that other sealants cannot. This product is ideal for stick pack applications that require easy tear properties. **Evaluation and fitness-for-use is the sole responsibility of the customer.**



Features:

- **Construction: 76g. Cellophane / WLdpe / .285 Foil / 18#'s Surlyn**
- Excellent barrier properties
- Surlyn sealant good for sealing through powders and oils
- Cellophane outer layer for easy tear
- This product is in compliance for direct food contact under FDA 21 CFR 177.1200-Cellophane layer.
- This product is in compliance for direct food contact under FDA 21 CFR 177.1330 – Sealant layer.

Typical Properties

Property	UOM	Typical Value	Test Method
Average Thickness	mil	3.1	ASTM D2103
Thickness Tolerance	+/- %	10%	
Unit Weight	lbs/ream	58.4	TAPPI T410
Yield	in ² /lb	7,397	ASTM D4321
Haze		NA	ASTM D1003
Surface Tension (adhesive side)	dyne	NA	ASTM D2578
Tensile Strength		NA	ASTM D882
Elongation MD		NA	ASTM D882
Elongation TD		NA	ASTM D882
WVTR	g/100 in ² /day	<.005	ASTM F1249
OTR	cc/100 in ² /day	<.005	ASTM D3985
COF	sealant to self	<.2	ASTM D1894
Application Temperature	°F	300-350°	
Seal Strength (to self at 300°F, 70 PSI, 1.5 seconds)	g/in	>1,500	ASTM F88
Shelf Life		12 Months	
Storage Conditions		70°F (20°C) - 50% humidity	
Chemical Resistance		N/A	

Contact your Protect-all, Inc. representative about custom structures or unique applications.

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