# PureTherm® 1001C Aluminum Look Alike

#### **PVC Film**

Tekni-Films, a div of Tekni-Plex

#### Message:

PureTherm® 1001C Aluminum Look Alike is a rigid PVC film with transmission values below the USP standard of 10% in the critical ultraviolet 290 — 450 nm range.

This film is the same as PureTherm® 1001C with the addition of white pigment to allow for the packaging of light sensitive pharmaceutical products or where it is desirable that the blister contents are not visible.

Applications for PureTherm® 1001C include blister packaging of tablets, capsules, lozenges, suppositories as well as use in laminations.

Additive       Pigment         Features       High Rigidity         Self Extinguishing         Uses       Laminates Pharmaceutical Packaging         Appearance       Aluminum Opaque         Forms       Film         Physical       Nominal Value       Unit         Specific Gravity       1.33       g/cm³         Films       Nominal Value       Unit       Test Method         Film Thickness¹       127 to 1020       μm         Cold Impact       Good       C       ASTM D1637         Roll Width²       < 106.70       cm         Thermoforming Molding Temperature       100 to 175       °C       ASTM D82         Oxygen Transmission Rate (Wet) (23°C, 250 μm, 100% RH)       18.1       cm²/m²/24 hr       ASTM F1927	
Self Extinguishing  Laminates Pharmaceutical Packaging  Aluminum Opaque  Forms Film  Physical Nominal Value Unit  Specific Gravity 1.33 g/cm³  Films  Nominal Value Unit  Test Method  Film Tolcheass¹ 127 to 1020 μm  Cold Impact Good  Heat Distortion 75 αC ASTM D1637  Roll Width² 1-00 to 175 αC  Tensile Strength - MD (Yield) 48.0 MPa ASTM D882  Oxygen Transmission Rate (Wet) (23°C, 250 μm, 100% RH)  Roll Strength - MD (Yield)  18.1	
Uses Laminates Pharmaceutical Packaging   Appearance Aluminum Opaque   Forms Film   Physical Nominal Value   Specific Gravity 1.33   Films Vominal Value   Films Nominal Value Unit   Film Thickness 1 1.27 to 1020   Heat Distortion 27 to 1020   Heat Distortion 75   Roll Width 2 4.106.70   Thermoforming Molding Temperature 100 to 175   Tensile Strength - MD (Yield) 48.0   Mapa ASTM D82   Coygen Transmission Rate (Wet) (23°C, 250 μm, 100% RH) 18.1   cm³/m²/24 hr ASTM F1927	
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Water Vapor Transmission <sup>3</sup> 3.1 g/m²/24 hr ASTM E96	
Free Shrinkage -4.0 to 4.0 % ASTM D2732	
NOTE	
1. Thickness tolerance: ±10%	
2. Roll width tolerance: ±1.5 mm	
3. at 10 mil at 38°C, 90% RH	

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### Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533 Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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