

# PureTherm® 1001C UV

PVC Film

Tekni-Films, a div of Tekni-Plex

## Message:

PureTherm® 1001C UV is a clear, rigid PVC film with ultra-violet (VU) protection.

It is formulated with a blend of UV screeners which block out harmful VU light.

It is designed for blister packaging of light sensitive pharmaceuticals including tablets, capsules, lozenges, suppositories as it is or as laminated or coated.

This film meets HPB and FDA food contact requirements and is listed in DMF-8668.

General Information			
Additive	UV Stabilizer		
Features	Food Contact Acceptable		
	Good UV Resistance		
	High Clarity		
	High Rigidity		
	Self Extinguishing		
Uses	Laminates		
	Pharmaceutical Packaging		
Agency Ratings	DMF 8668		
	FDA Food Contact, Unspecified Rating		
	HPB (Canada) Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
	Colors Available		
Forms	Film		
Physical	Nominal Value	Unit	
Specific Gravity	1.33	g/cm <sup>3</sup>	
Films	Nominal Value	Unit	Test Method
Film Thickness <sup>1</sup>	127 to 1020	µm	
Cold Impact	Good		
Heat Distortion	75	°C	ASTM D1637
Roll Width <sup>2</sup>	< 106.70	cm	
Thermoforming Molding Temperature	100 to 175	°C	
Tensile Strength - MD (Yield)	48.0	MPa	ASTM D882
Oxygen Transmission Rate (Wet) (23°C, 250 µm, 100% RH)	18.1	cm <sup>3</sup> /m <sup>2</sup> /24 hr	ASTM F1927
Water Vapor Transmission <sup>3</sup>	3.1	g/m <sup>2</sup> /24 hr	ASTM E96
Free Shrinkage	-4.0 to 4.0	%	ASTM D2732

## NOTE

- |    |   |
|----|---|
| 1. | Thickness tolerance: $\pm 10\%$           |
| 2. | Roll width tolerance: $\pm 1.5\text{ mm}$ |
| 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

