

# PureTherm® 3007C Medical

PVC Film

Tekni-Films, a div of Tekni-Plex

## Message:

PureTherm® 3007C Medical is a clear, rigid PVC film which is also available in specialty tint. It is designed to give excellent impact strength and white break resistance. PureTherm® 3007C Medical is engineered for use in industrial thermoforming applications requiring high impact resistance. This film meets FDA (DMF-8668) requirements.

General Information			
Features	High Clarity		
	High Impact Resistance		
	High Rigidity		
	Self Extinguishing		
Uses	Industrial Applications		
	Medical/Healthcare Applications		
	Thermoforming Applications		
Agency Ratings	DMF 8668		
	FDA Unspecified Rating		
Appearance	Clear/Transparent		
	Colors Available		
Forms	Film		
Processing Method	Thermoforming		
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)	50.0	MPa	ASTM D882
Oxygen Transmission Rate (Wet) (23°C, 250 µm, 100% RH)	15.5	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: $\pm 1.5$ mm
3.	at 10 mil at 38°C, 90% RH

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#### Recommended distributors for this material

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