

# TEKNIFLEX® PGA 1090

PETG/PCTFE Film

Tekni-Films, a div of Tekni-Plex

## Message:

Tekniflex® PGA series are designed for thermoforming blister packaging for Pharmaceutical products requiring high barrier to moisture. Thermoformable into small/medium cavities; FDA, EU, USP & EP compliant, Pharmaceutical-grade PCTFE film lamination.

General Information		
Features	Moisture Barrier	
Uses	Pharmaceutical Packaging	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Unspecified Rating	
	EU Unspecified Rating	
	FDA Unspecified Rating	
	USP Unspecified Rating	
Appearance	Clear/Transparent	
Forms	Film	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Specific Gravity	1.34	g/cm <sup>3</sup>
Dimensional Stability <sup>1</sup> (140°C)	-4.0 to 4.0	%
Films	Nominal Value	Unit
Film Thickness <sup>2</sup>	277	µm
Yield	2.68	m <sup>2</sup> /kg
Roll Width <sup>3</sup>	< 110.00	cm
Thermoforming Molding Temperature	100 to 160	°C
Tensile Strength - MD (Yield)	45.0	MPa
Oxygen Transmission Rate (23°C, 100% RH)	29	cm <sup>3</sup> /m <sup>2</sup> /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	0.23	g/m <sup>2</sup> /24 hr
Optical	Nominal Value	Unit
Haze	4.0	%
NOTE		
1.	30 minutes	
2.	Thickness tolerance: ±10%	
3.	Roll width tolerance: ±1.5 mm	

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