

TEKNIFLEX® PGA 18200

PETG/PCTFE Film

Tekni-Films, a div of Tekni-Plex

Message:

Tekniflex PGA and PGOA series, which are thermoformable, FDA-compliant, Radiation-Sterilizable, and Medical-Grade, are designed for the packaging of Medical Device/Drug Product Combinations requiring high moisture and/or oxygen barrier. Tekni-Plex offers a wide range of PETG-based film structures to meet both performance and cost requirements.

General Information		
Features	Moisture Barrier	
	Oxygen Barrier	
	Radiation Sterilizable	
Uses	Medical Packaging	
	Pharmaceutical Packaging	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Unspecified Rating	
	FDA Unspecified Rating	
	USP Unspecified Rating	
Appearance	Clear/Transparent	
Forms	Film	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Specific Gravity	1.35	g/cm ³
Dimensional Stability ¹ (140°C)	-4.0 to 4.0	%
Films	Nominal Value	Unit
Film Thickness ²	508	µm
Yield	1.30 to 1.60	m ² /kg
Roll Width ³	< 110.00	cm
Thermoforming Molding Temperature	100 to 160	°C
Tensile Strength - MD (Yield)	51.0	MPa
Oxygen Transmission Rate (23°C, 100% RH)	16	cm ³ /m ² /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	0.11	g/m ² /24 hr
Optical	Nominal Value	Unit
Haze	4.0	%
NOTE		

1.	30 minutes
2.	Thickness tolerance: $\pm 10\%$
3.	Roll width tolerance: ± 1.5 mm

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