

TEKNIFLEX® PTOA 200

PE/EVOH/PCTFE Film

Tekni-Films, a div of Tekni-Plex

Message:

A pharmaceutical-grade PE/EVOH/PCTFE flexible film, unconventionally bonded, is specially developed to contain demanding liquids. The film is a high barrier, transparent, radiation sterilization stable, non-yellowing, thermoformable and EP- and FDA-compliant film. The product contact layer is a polyethylene without additives for containers for parenteral and ophtalmic preparations, with a low extractables profile. PCTFE offers the high barrier to moisture and to aromatic and aliphatic hydrocarbon species and excipients. The construction does not absorb excipients.

General Information		
Features	Flavor & Aroma Barrier	
	Good Flexibility	
	Low Extractables	
	Moisture Barrier	
	Radiation Sterilizable	
Uses	Containers	
	Pharmaceuticals	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Unspecified Rating	
	FDA Unspecified Rating	
	USP Unspecified Rating	
Appearance	Clear/Transparent	
	Glossy Finish	
	Matte Finish	
Forms	Film	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Dimensional Stability ¹		
Across Flow, 140°C	-4.0	%
Flow, 140°C	4.0	%
Mechanical	Nominal Value	Unit
Coefficient of Friction ²	0.60	
Films	Nominal Value	Unit
Film Thickness ³	150	µm
Roll Width ⁴	< 110.00	cm
Tensile Strength		

MD : Yield	18.0	MPa
TD : Yield	15.0	MPa
Oxygen Transmission Rate ⁵ (23°C, 90% RH)	0.40	cm ³ /m ² /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	0.14	g/m ² /24 hr
Optical	Nominal Value	Unit
Transmittance (450 nm)	> 90.0	%
NOTE		
1.	10 minutes	
2.	Mat Finish	
3.	Thickness tolerance: ±10%	
4.	Roll width tolerance: ±1.5 mm	
5.	100% O ₂	

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