

TEKNIFLEX® MED 3012-0180

PP Film

Tekni-Films, a div of Tekni-Plex

Message:

PP based Flexible Film for Medical Fluids

Tekniflex® MED 3012-0180 is an unconventionally extruded flexible polypropylene based flexible film that has excellent clarity compared to conventional tubular PP films. The film shows little or no shrink, up to 140°C (284°F) in MD and TD. The film is suitable for steam sterilisation at 121°C, is puncture and tear resistant, heat sealable and has high moisture barrier properties. This film is plasticizer and halogen free.

General Information		
Features	Good Flexibility	
	Good Tear Strength	
	Halogen Free	
	Heat Sealable	
	High Clarity	
	Low Shrinkage	
	Moisture Barrier	
	Puncture Resistant	
	Steam Sterilizable	
Uses	Medical/Healthcare Applications	
Agency Ratings	EP Monograph 3.1.3	
	EP Monograph 3.1.6	
	EP Monograph 3.2.2	
	USP Class VI	
Appearance	Clear/Transparent	
Forms	Film	
Physical	Nominal Value	Unit
Specific Gravity	0.890	g/cm ³
Dimensional Stability ¹ (140°C)	3.5	%
Films	Nominal Value	Unit
Film Thickness ²	180	µm
Yield	6.24	m ² /kg
Roll Width ³	< 125.00	cm
Tensile Elongation		
MD : Break	590	%
TD : Break	720	%
Seal Initiation Temperature	140 to 150	°C
Oxygen Transmission Rate (23°C, 90% RH)	3800	cm ³ /m ² /24 hr


Water Vapor Transmission Rate (38°C, 90% RH)	6.9	g/m ² /24 hr
Optical	Nominal Value	Unit
Haze	3.0	%
NOTE		
1.	10 minutes	
2.	Thickness tolerance: ±5%	
3.	Roll width tolerance: ±1.5 mm	

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