

TEKNIFLEX® MED 2001-0180

PP Film

Tekni-Films, a div of Tekni-Plex

Message:

100% PP Flexible Film for Medical Fluids

Tekniflex® MED 2001-0180 is an unconventionally extruded flexible polypropylene 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, halogen and elastomer free and offers a cost efficient alternative to high end multi-layer film structures.

General Information		
Features	Food Contact Acceptable	
	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	
	EU Food Contact, Unspecified Rating	
	FDA 21 CFR 177.1520	
Appearance	USP Class VI	
	Clear/Transparent	
Forms	Film	
Physical	Nominal Value	Unit
Specific Gravity	0.900	g/cm ³
Films	Nominal Value	Unit
Film Thickness ¹	180	µm
Yield	6.14	m ² /kg
Roll Width ²	< 125.00	cm
Tensile Elongation - MD (Break)	600	%
Seal Initiation Temperature	140 to 150	°C
Oxygen Transmission Rate (23°C, 100% RH)	1000	cm ³ /m ² /24 hr

Water Vapor Transmission Rate (38°C, 90% RH)	2.0	g/m ² /24 hr
Optical	Nominal Value	Unit
Haze	3.0 to 5.0	%
NOTE		
1.	Thickness tolerance: ±5%	
2.	Roll width tolerance: ±1.5 mm	

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