

# HONEYWELL ACLAR ACCEL 1700

Aclar Accel 1700 film is a 1.7 mil (43 micron) PCTFE homopolymer, high performance barrier film for the pharmaceutical and medical markets. It thermoforms well on conventional blister packaging equipment and provides the highest barrier of any clear film.

Properties of 1.7 mil (43μ) film at 73°F- 50% RH		Typical Value		Test Method
		English	Metric	
Specific Gravity		2.11		ASTM D1505
Yield		7,723 in <sup>2</sup> /lb./	10.98 m <sup>2</sup> /kg	
Crystalline Melting Point		412°F	211°C	ASTM D4591
Dimensional Stability (10 mins. @ 300°F/149°C)	MD	< + 12 %		ASTM D1204
	TD	< - 10 %		
Tensile Strength	MD	9,000 – 12,000 psi	62 - 83 MPa	ASTM D882
	TD	5,000 – 8,000 psi	34 - 55 MPa	
Elongation	MD	175 - 250 %		ASTM D882
	TD	250 - 300 %		
Modulus, secant	MD	170,000 - 200,000 psi	1172 - 1379 MPa	ASTM D882
	TD	170,000 - 200,000 psi	1172 - 1379 MPa	
Surface Tension (treated side)		≥ 42 dynes/cm		ASTM D2578
Oxygen Transmission Rate @ 73.4°F (23°C) / 50% RH		cc/100in <sup>2</sup> /day-atm 2.86	cc/m <sup>2</sup> /day-atm 44.33	ASTM D3985
WaterVapor Transmission Rate		g/100in <sup>2</sup> /day	g/m <sup>2</sup> /day	ASTM F1249
@ 77°F (25°C) / 60% RH		0.0011	0.018	
@ 86°F (30°C) / 65% RH		0.0024	0.037	
@ 104°F (40°C) / 75% RH		0.0088	0.136	
@ 100°F (37.8°C) /100% RH		0.0100	0.155	

Aclar Accel film is manufactured in accordance with industry accepted standards for cGMP. It complies with the following regulations and requirements: FDA 21 CFR 177.1380, USP 661.1, USP Class VI Plastics, and EU Directive 2002/72/EC. Drug Master File: 033505 has been established with the FDA for Aclar Accel Films. Please contact your Honeywell representative for additional information and detailed compliance statements.

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For more information  
[lifesciences.honeywell.com](http://lifesciences.honeywell.com)

**Honeywell International Inc.**  
 Packaging & Composites  
 115 Tabor Rd  
 Morris Plains, NJ 07650  
 800-934-5679



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