





Cryovac® CT-301E

PRODUCT SPECIFICATION SHEET HIGH PERFORMANCE SHRINK FILM

Cryovac® CT-301E is a high performance polyolefin shrink film based on the patented Sealed Air micro-layering technology platform. This powerful shrink film has no trouble "standing up to" the performance of other films with twice the thickness.

INCREASED CUSTOMER VALUE AND BENEFITS

- Strong 13 to 15 Micron Performance in a 7 Micron Film
- Enhanced Seal Strength and Durability
- Exceptional Burn Resistance
- Excellent Optics and Clarity

THE SUSTAINABLE CHOICE

- Thinner and Lighter Material Provides Reduced Carbon Footprint
- Lower Tunnel Temperatures
- Longer Rolls Yield Productivity Gains
- Fewer Rolls Result in Improved Transportation and Storage Costs

Film Data	Unit	Typical Values		Test Method
Thickness	μ	7		ASTM D6988
Yield	m²/kg	142		
Length Centre Folded	lm	2667		
Width Centre Folded	mm	From 155 to 955		
Core diameter	mm	76		
Mechanical		LD*	TD*	
Tensile strength	kg/cm²	1400	1500	ASTM D882-95
Elongation at break	%	100	100	ASTM D882-95
Modulus of elasticity	kg/cm²	5500	5700	ASTM D882-95
Tear propagation	g	2.5	3.5	ASTM D1938
Kinetic coeff. of friction	(film-to-film, kinetic)	0.16		ASTM D1894
Puncture resistance	g	1500		COV-E-236
Shrink and Barrier				
Free shrink @ 120°C	%	65	65	ASTM D2732
Max. shrink tension	kg/cm²	30	40	COV-E-302
Moisture vapour transmission rate	g/m²/24hrs @ 38°C	40		ASTM F1249
Oxygen transmission rate	cm³/m²/24hrs @23°C, 1 atm	18000		D3985-95
CO ₂ transmission rate	cm³/m²/24hrs @23°C, 1 atm	61000		ASTM D1434
Optical				
Haze	%	3.2		ASTM D1003
Gloss	gloss units (i = 60°)	135		ASTM D2457
Storage Conditions	Recommended conditions for long-term storage: Below 32°C, max RH 80%, for up to one year			
Food Law Approval	Complies with EU regulations on food contact materials. See "Product Regulatory Compliance Statement" for details.			
Quality	All Cryovac manufacturing operations in Europe have received or are applying for ISO 9001:2008 Quality Certification or its local equivalent			

LD = Longitudinal Direction / TD = Transverse Direction





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