

Cryovac®
CT-301E

High
Performance
Micro-Layered
Shrink Films



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	m ² /kg	142		
Length Single wound	lm	5334		
Width Single wound	mm	From 100 to 1610		
Core diameter	mm	76		
Mechanical		LD*	TD*	
Tensile strength	kg/cm ²	1400	1500	ASTM D882-95
Elongation at break	%	100	105	ASTM D882-95
Modulus of elasticity	kg/cm ²	4500	4800	ASTM D882-95
Tear propagation	g	2.5	3.5	ASTM D1938
Kinetic coeff. of friction	(film-to-film, kinetic)	0.17		ASTM D1894
Puncture resistance	g	1500		COV-E-236
Shrink and Barrier				
Free shrink @ 120°C	%	65	65	ASTM D2732
Max. shrink tension	kg/cm ²	30	40	COV-E-302
Moisture vapour transmission rate	g/m ² /24hrs @ 38°C	40		ASTM F1249
Oxygen transmission rate	cm ³ /m ² /24hrs @23°C, 1 atm	18000		D3985-95
CO2 transmission rate	cm ³ /m ² /24hrs @23°C, 1 atm	61000		ASTM D1434
Optical				
Haze	%	2.8		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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