

Cryovac[®] CT-305E

High Performance Micro-Layered Shrink Films

-Constant



Cryovac® CT-305E PRODUCT SPECIFICATION SHEET HIGH PERFORMANCE SHRINK FILM

The Cryovac[®] CT-305E is a high performance polyolefin shrink film based on the patented and rewarded Sealed Air microlayering technology platform. This film provides unique high abuse properties and enhanced performance compared to thicker conventional shrink films.

FEATURES AND BENEFITS

- Higher productivity and increased equipment uptime with longer rolls
- Outstanding resistance for product protection
- Excellent optics and clarity

THE SUSTAINABLE CHOICE

- Lower carbon footprint due to less material use
- Energy saving as a result of lower tunnel and sealing temperatures
- Fewer rolls result in improved transportation and storage costs

Film Data	Unit	Typical Values		Test Method
Thickness	μ	17		ASTM D6988
Yield	m²/kg	61		
Width Centre Folded (50 mm increment)	mm	From 15		
Length Centre Folded	lm	11		
Core diameter	mm	7		
Mechanical		LD*	TD*	
Tensile strength	kg/cm²	1200	1300	ASTM D882-95
Elongation at break	%	110	130	ASTM D882-95
Modulus of elasticity	kg/cm²	5100	5400	ASTM D882-95
Tear propagation	g	7	10	ASTM D1938
Kinetic coeff. of friction	(film-to-film, kinetic)	0.13		ASTM D1894
Puncture resistance	g	3000		COV-E-236
Shrink and Barrier				
Free shrink @ 120°C	%	65	65	ASTM D2732
Max. shrink tension	kg/cm²	30	35	COV-E-302
Moisture vapour transmission rate	g/m²/24hrs @ 38°C	24		ASTM F1249
Oxygen transmission rate	cm³/m²/24hrs @23°C, 1 atm	8000		D3985-95
CO2 transmission rate	cm³/m²/24hrs @23°C, 1 atm	34000		ASTM D1434
Optical				
Haze	%	3.5		ASTM D1003
Gloss	gloss units (i = 60°)	130		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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