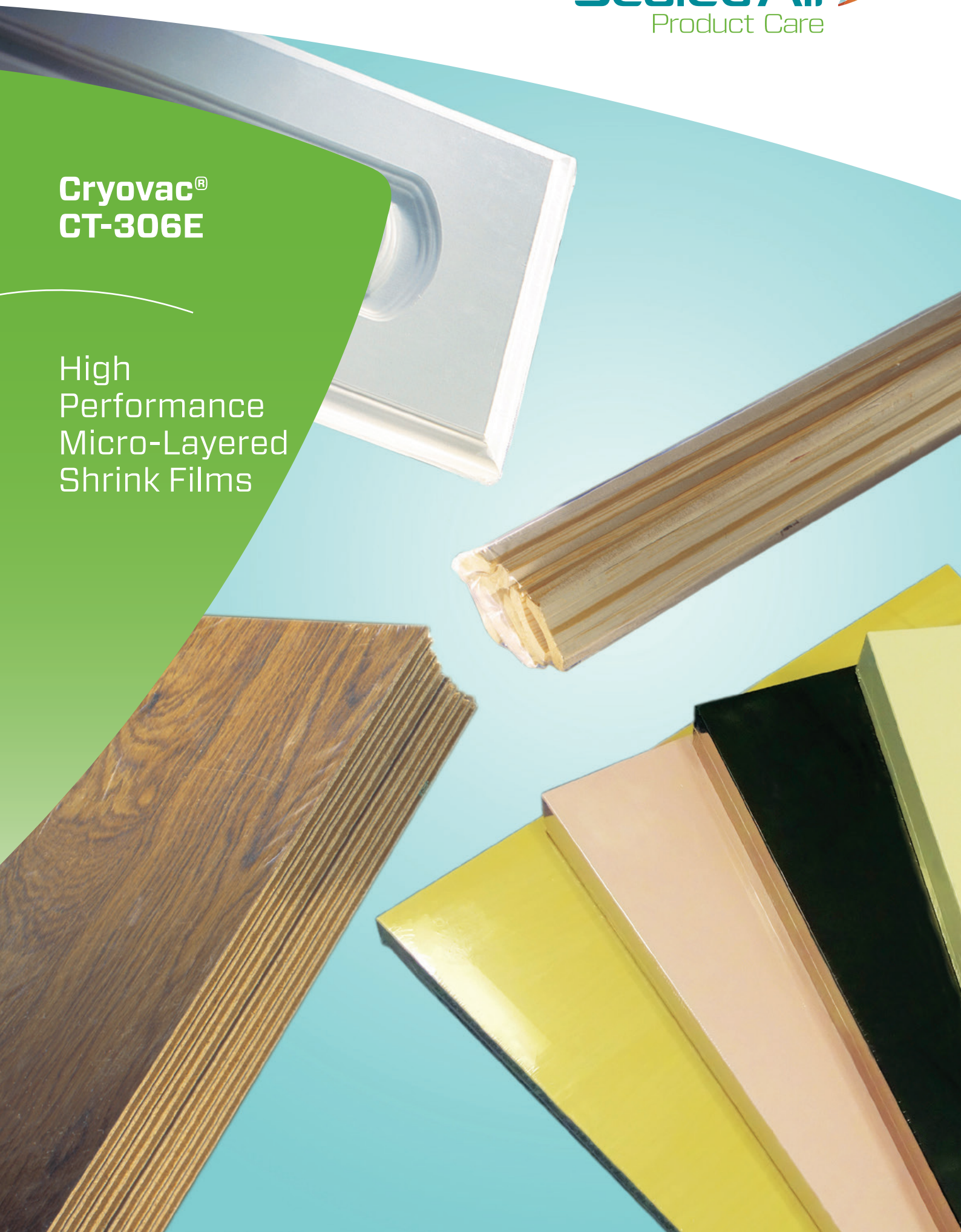
Sealed Air
Product Care

Cryovac® CT-306E

High Performance Micro-Layered Shrink Films



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Cryovac® CT-306E

PRODUCT SPECIFICATION SHEET
HIGH PERFORMANCE SHRINK FILM

The Cryovac® CT-306E is a high performance polyolefin shrink film. Its micro-layered technology provides enhanced performance and significant source reduction compared to thicker materials.

THE MOST SUSTAINABLE SOLUTION IN THE INDUSTRY

- Equal packaging performance with up to 50% packaging weight reduction
- Reduced warehouse space for packaging supplies (less cores, pallets, cartons)
- Lower tunnel and seal temperatures during the packaging operation result in energy saving

FEATURES AND BENEFITS

- Yield more packages per roll which increases productivity
- Enhanced tensile strength and tear resistance
- Better sealing characteristics and excellent optics

Film Data	Unit	Typical Values		Test Method
Thickness	µ	23		ASTM D6988
Yield	m²/kg	47		
Width Centre Folded	mm (with 50 mm increment)	From 155 to 905		
Length Centre Folded	lm	885		
Core diameter	mm	76		
Mechanical		**LD***	**TD***	
Tensile strength	kg/cm²	1250	1350	ASTM D882-95
Elongation at break	%	120	150	ASTM D882-95
Modulus of elasticity	kg/cm²	5000	5500	ASTM D882-95
Tear propagation	g	10	15	ASTM D1938
Kinetic coeff. of friction	(film-to-film, kinetic)	0.13		ASTM D1894
Trim Seal Strength	g/25mm	4000		COV-E-234
Puncture resistance	g	3700		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	15		ASTM F1249
Oxygen transmission rate	cm³/m²/24hrs @23°C, 1 atm	6000		D3985-95
CO2 transmission rate	cm³/m²/24hrs @23°C, 1 atm	–		ASTM D1434
Optical				
Haze	%	4.0		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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