



## The Light Weight Film - Heavy Weight Performance



Cryovac® CT-301 is a high performance polyolefin shrink film based on the patent-pending 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.

- 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 Solution

- Thinner and Lighter Material Provides Reduced Carbon Footprint
- Source Reduction—Replacing Materials Almost Twice its Thickness
- Lower Tunnel Temperatures
- Longer Rolls Yield Productivity Gains
- Fewer Rolls Result in Improved Transportation and Storage Costs

#### Distributed by:

## PROPERTIES

	ASTM Test Method	Typical Values
<b>Microns</b>		7
<b>Yield (m<sup>2</sup>/kg)</b>		142
<b>Instrumented Impact Strength (kg)</b>	D3763-95a	3.7
<b>Haze (%)</b>	D1003-95	2.8
<b>Clarity (%)</b>	D1746-92	85.5
<b>Gloss (gloss units (i=60°))</b>	D2457-90	135
<b>Coefficient of Friction (film to film, kinetic)</b>	D1984-95	0.174
<b>Water Transmission Rate</b> g/m <sup>2</sup> , 24h (100%RH, 38°C)	F1249-90	34
<b>Oxygen Transmission Rate</b> cm <sup>3</sup> /m <sup>2</sup> , 24h, bar (0%RH, 23°C)	D3985-95	17 000
		<b>LD/TD</b>
<b>Tensile Strength (kg/cm<sup>2</sup>)</b>	D882-95	1470 / 1520
<b>Elongation at Break (%)</b>	D882-95	88 / 105
<b>Modulus of elasticity (kg/cm<sup>2</sup>)</b>	D882-95	4850 / 4860
<b>Shrink Tension (kg/cm<sup>2</sup>)</b>	COV-E302	
@ 93°C		33 / 47
@ 104°C		35 / 45
@ 115°C		39 / 41
<b>Free Shrink (%)</b>	D2732-83	
@ 93°C		11 / 17
@ 104°C		20 / 30
@ 115°C		53 / 57
@ 127°C		82 / 80

LD = Longitudinal Direction / TD = Transverse Direction

This information represents our best judgment based on the work done. The company assumes no liability whatsoever in connection with the use of information or findings contained herein. Current data is based on limited samples and is subject to modification pending finalization.