

 **Sealed Air**

CRYOVAC® CT-301

Performance Shrink Film

DEXTRON HEATSHRINK

3 Elliot Street,
Albion, Queensland 4010
Ph:07 32622344 Fax:07 32622074
Email: sales@redblade.com.au
www.redblade.com.au

Performance – Comparable Performance to Materials Double its



Thickness Proven Versatility Across a Broad Range of Shrink

Unique Combination of Strength, Tear, and Burn Resistance

Excellent Optics and Clarity Enhanced Seal

Strength and Durability in a 30 Gauge Format

Proven Versatility Across a Broad Range of Shrink Equipment

Comparable Performance to Materials Double its Thickness Excellent Optics and Clarity

Unique Combination of Strength, Tear, and Burn Resistance Proven

Versatility Across a Broad Range of Shrink Equipment Source Reduction and

Enhanced Seal Strength and Durability in a 30 Gauge Format

Proven Versatility Across a Broad Range

of Shrink Equipment Excellent Optics

and Clarity Unique Combination of

Strength, Tear, and Burn Resistance

We know there is no single solution to meeting the sustainable packaging needs of our customers. We also know our objectives must be achieved without compromising performance or value the package brings to the consumer.



Source Reduction and Recyclable

Enhanced Seal Strength and Durability in a 30 Gauge Format Comparable

Performance to Materials Double its Thickness Excellent Optics and Clarity

CRYOVAC® TECHNOLOGY

Making Your Life Easier

CT-301– It's The Technology

This isn't just a new, thin film – it's a technology!

Cryovac® CT-301 is a new high performance shrink film based on a new Sealed Air technology platform. CT-301 has revolutionized the ability to down gauge while maintaining performance characteristics of shrink films up to twice as thick.

- Performance – Comparable performance to materials double its thickness
- Unique Combination of Strength, Tear, and Burn Resistance
- Enhanced Seal Strength and Durability in a 30 Gauge Format
- Proven Versatility Across a Broad Range of Shrink Equipment
- Excellent Optics and Clarity

Commitment to Sustainable Packaging

For decades, Sealed Air's environmental performance efforts have focused primarily on reducing the amount of waste material produced from the packaging operation.

CT-301 is the ultimate in source reduction and reduced carbon footprint due to its **ultra thin structure**. This film reduces the number of cores, cartons, pallets, warehouse space and shipping costs, while providing the same area of film.

CT-301 is the sustainable solution with:

- Ultra Thin, Extremely Strong Structure
- Ability To Replace Materials Up To Double The Thickness
- Lower Carbon Footprint Due To Less Material
- Lower Tunnel Temperatures



Shrink Packaging

Sealed Air Australia Ltd.
Tel : 1 800 808 481 Fax: 1 800 250 650

Sealed Air Packaging (Shanghai) Co. Ltd.
Tel: +86 21 6375 8769 Fax: +86 21 6375 8770

Sealed Air Hong Kong Ltd.
Tel: +852 2178 7878 Fax: +852 2407 3385

Sealed Air (India) Private Ltd.
Tel: +91 80 5117 9393 Fax: +91 80 5117 1301

Sealed Air HK Ltd. — Indonesia Rep office
Tel: +62 21 8298 748 Fax: +62 21 8298 749

Sealed Air (Japan) Ltd
Tel: +81 3 5644 1110 Fax: +81 3 5644 1119

Our Products Protect Your Products®

It's The Total Package

For starters, CT-301 is literally miles ahead of the competition. Our standard centerfold roll lengths are up to 1.3 Km longer than 60 gauge film yet provides similar performance with compatible applications.

Moreover, CT-301 **reduces your overall operational cost** by enabling **fewer roll changeovers** and fewer unscheduled breaks for your workforce, especially when you have a tight deadline.

Add CT-301 to your packaging operation and eliminate the changeover productivity leak!

- Improve Uptime
- Fewer Changeovers
- Optimize Your Operational Efficiency

Gauge		30
Yield (Sq. In/lb.)		99,500
Haze %	D 1003-95	3.2
Gloss %	D 2457-90	86
Clarity %	D 1746-92	85.5
Instrumented Impact Strength (lbs.)	D 3763-95a	8.2
Coefficient of Friction (film to film, kinetic)	D 1984-95	0.174
Water Vapor Transmission Rate (gms/100sq.in./24hrs.; 100%RH, 100 Deg. F)	F 1249-90	2.2
Oxygen Transmission Rate (cc/m sq/24hrs. @ 73 Deg F, 1 atm)	D 3985-95	17,000
Minimum Use Temperature		-60 Deg F
		LD*/TD**
Elmendorf Tear (g)	D 1922	16.7/12.3
Elongation at Break (%)	D 882-95	88/105
Tensile Strength (X1000 psi)	D 882-95	20.9/21.6
Modulus of Elasticity (X1000 psi)	D 882-95	69.0/69.6
Free Shrink (%)		
@ 180 Deg F		
@ 200 Deg F		
@ 220 Deg F		
@ 240 Deg F	D 2732-83	11/17
@ 260 Deg F		20/30
		53/57
		82/80
Shrink Tension (psi)		
@ 180 Deg F		
@ 200 Deg F		
@ 220 Deg F	D 2838-95	476/664
@ 240 Deg F		499/641
		548/578

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

Sealed Air (Korea) Ltd.
Tel: +82 2 408 5678 Fax: +82 31 763 4744

Sealed Air (Malaysia) Sdn Bhd
Tel: +60 3 7847 6998 Fax: +60 3 7847 6689

Sealed Air New Zealand
Tel: +64 9 813 9800 Fax: +64 9 813 9804

Sealed Air Philippines Ltd.
Tel: +63 2 807 3193 Fax: +63 2 809 5643

Sealed Air (Singapore) Pte. Ltd.
Tel: +65 6861 1828 Fax: +65 6861 5221

Sealed Air (Taiwan) Ltd.
Tel: +886 3 324 2988 Fax: +886 3 324 3088

Sealed Air (Thailand) Ltd.
Tel: +66 2 834 6800 Fax: +66 2 834 6888

Sealed Air (Singapore) Pte. Ltd. - Vietnam Rep Office
Tel: +84 8 6261 8726 Fax: +84 8 6261 8738