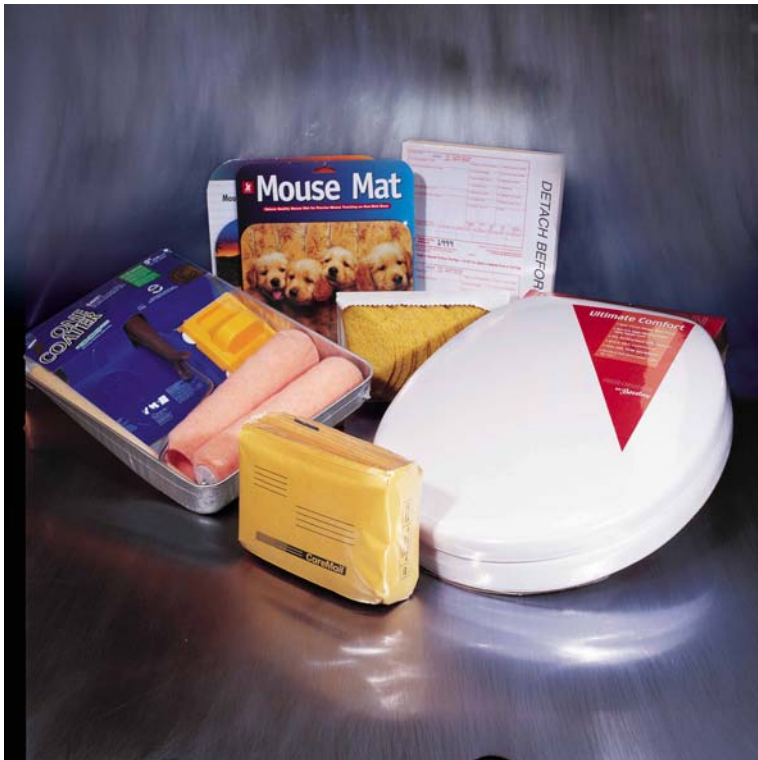


# Shrink Packaging

Films and Systems

## New D-940 Soft Shrink Film

*Now available in 45 and 52 gauge*



New technology has taken soft shrink to new levels. With improved strength, enhanced optics and improved performance, the new D-940 has become the one true EZTU (Easy-To-Use) Film.

### **EZTU (Easy-To-Use)**

Ease of machineability, easy on your product, easy on sales, easier on **YOU!**

### **Strength**

Improved seal, impact strength and tear resistance, for greater protection during shipping and display.

### **Superior optics**

Clarity with low shrink energy. Products can be wrapped without buckling or distortion detracting from sales appeal.

### **Source Reduction**

Available in 45 and 52 gauge.  
15-25% material reduction

## Sealed Air's Friendliest Cryovac® Film Just Got Friendlier!

With its unique soft shrink ability, tear resistance, enhanced seal and impact strength, and superior optics, the **New D-940** is perfect for the smallest greeting card bundle or the largest, irregular shaped multi-pack. Designed to run at speeds from 10–90 packs per minute, with no distortion or buckling around the product, D-940 is the *Easy-To-Use* film in the market.

Comprised of a multi-layered, electronically cross-linked polyolefin, D-940 has a low shrink tension and forgiving nature. This makes it perfect for those hard to package, softer and lighter weight products.

Superior clarity and intense strength makes D-940 the multi-use film, perfect for paper products, snack foods, gift wrap and so much more.

Now available in 45 and 52 gauge, singlewound or centerfold, in stock or custom sizes. Please contact your representative for more information.



# Cryovac® New D-940 Soft Shrink Properties

Properties	ASTM Test Method	Typical Values			
		45	52	60	75
<b>Grade</b>		<b>45</b>	<b>52</b>	<b>60</b>	<b>75</b>
<b>Yield</b> (Sq. In/lb.)		66500	57500	50000	40000
<b>Haze %</b>	D 1003-95	5.5	5.7	5.8	6.0
<b>Gloss %</b>	D 2457-90	78	76	75	75
<b>Clarity %</b>	D1746-92	80	76	75	74
<b>Instrumented Impact Strength</b> (lbs.)	D 3763-95a	7	8	9	13
<b>Coefficient of Friction I/I</b> (film to film, kinetic)		0.19	0.19	0.19	0.17
<b>Water Vapor Transmission Rate</b> (gms/100sq.in./24hrs.; 100%RH, 100 Deg. F)	F 1249-90	4.2	4	3.6	3
<b>Oxygen Transmission Rate</b> (cc/m sq/24hrs. @ 73 Deg F, 1 atm)	D 3985-95	20600	19500	17600	15400
<b>Minimum Use Temperature</b>		-60 Deg F	-60 Deg F	-60 Deg F	-60 Deg F
		<b>LD*/TD**</b>	<b>LD*/TD**</b>	<b>LD*/TD**</b>	<b>LD*/TD**</b>
<b>Elmendorf Tear</b> (g/mil)	D 1922	22/25	25/25	26/26	30/30
<b>Elongation at Break</b> (%)	D 882-95	95/110	100/110	110/110	110/110
<b>Tensile Strength</b> (psi)	D 882-95	11200/10800	11700/11500	10700/10500	11000/12000
<b>Modulus of Elasticity</b>	D 882-95	32/32	23/31	30/32	30/33
<b>Free Shrink</b> (%)					
@180 Deg F		11/18	12/17	12/16	14/17
@200 Deg F		19/30	17/29	18/28	17/28
@220 Deg F	D 2732-83	47/48	47/50	47/50	48/50
@240 Deg F		71/70	71/71	71/71	72/68
@260 Deg F		82/76	83/75	83/75	80/76
<b>Shrink Tension</b> (psi)					
@180 Deg F		303/417	287/307	283/344	289/293
@200 Deg F	D 2838-95	255/300	250/340	190/325	220/320
@220 Deg F		310/325	335/340	250/340	245/335
@240 Deg F		290/285	320/320	250/335	260/335
@260 Deg F		305/250	368/202	368/224	329/243

Note: These are typical values for Cryovac films. They are not intended for use as limiting specifications. \* Longitudinal Direction \*\* Transverse Direction

This information represents our best judgment based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein.



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