

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

- Ease of machinability, easy on your product
- Improved seal, impact strength and tear resistance, for greater protection during shipping and display
- Clarity with low shrink energy. Products can be wrapped without buckling or distortion to enhance sales appeal

Film Data	Unit	Typical Values			Test Method
Thickness	μ	11	15	19	ASTM D6988
Yield	m ² /kg	94.6	71.1	56.9	
Length Centre Folded	lm	1777	1332	1067	
Width Centre Folded (50 mm increment)	mm	205-855	205-855	205-855	
Core diameter	mm	76			
Mechanical		LD*/TD**	LD*/TD**	LD*/TD**	
Tensile strength	kg/cm ²	800/750	800/750	800/750	ASTM D882-95
Elongation at break	%	100/110	110/110	110/110	ASTM D882-95
Modulus of elasticity	kg/cm ²	2200/2200	2200/2200	2200/2200	ASTM D882-95
Tear propagation	g	4.5/4.5	7.5/7.5	10/10	ASTM D1938
Kinetic coeff. of friction	(film-to-film, kinetic)	0.19	0.19	0.17	ASTM D1894
Puncture resistance	g	1100	1300	1600	COV-E-236
Shrink and Barrier					
Free Shrink @120°C	%	75/70	75/70	75/70	ASTM D2732
Max. shrink tension	kg/cm ²	14/12	14/12	14/12	COV-E-302
Moisture vapour transmission rate	g/m ² /24hrs @ 38°C	65	55	45	ASTM F1249
Oxygen transmission rate	cm ³ /m ² /24hrs @23°C, 1 atm	20600	17600	15400	D3985-95
Optical					
Haze	%	3	3.5	4	ASTM D1003
Gloss	gloss units (i = 60°)	130	130	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 "Declaration of compliance" 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

