

All Dr. Shrink, Inc. shrink wrap is formulated from premium grade polyethylene, UV inhibitors, and other additives which are designed to resist degradation due to sunlight, rain, chemicals, and heat. It is suited for heavy-duty applications where excellent two directional shrink properties and toughness is required.

Test Description	Method	Units	Nominal** Value					
Thickness	ASTM D1593*	Mil (µm)	6 (152)	7 (178)	8 (203)	9 (229)	10 (254)	12 (305)
Weatherability	ASTM G53	Hours	1000+	1000+	1000+	1000+	1000+	1000+
Shrink Temperature	ASTM D2732	Deg F	275	275	275	275	275	275
<i>Tensile Properties</i>								
Yield (md)	ASTM D882	psi	1450	1450	1450	1450	1450	1450
(cd)		psi	1300	1300	1300	1300	1300	1300
Break (md)	ASTM D882	psi	3000	3000	3000	3000	3000	3000
(cd)		psi	3000	3000	3000	3000	3000	3000
Elongation (md)	ASTM D882	%	650	675	700	725	750	775
(cd)		%	750	775	800	825	850	850
Elmendorf Tear (md)	ASTM D1922	grams	750	900	1100	1350	1700	1900
(cd)		grams	1400	1600	1750	2050	2400	2600
Dart Impact	ASTM D1709	grams	750	825	900	925	1000	1050
Moisture Vapor Transmission Rate	ASTM E96	g/100 sq. in-day	0.23	0.20	0.18	0.16	0.14	
		perms	0.13	0.11	0.096	0.082	0.076	
		Metric perms	0.084	0.070	0.063	0.054	0.050	

The above shrink wrap also meets the following industry and government technical specifications:

Industry Standards

ASTM D4397-91
ASTM D4635-91 Type 1, 2 & 3; Surface 2; Finish 1

Government Standards

Federal Specification LP-378*** Type 1 & 2; Class 1; Grade B; Finish 1
Federal Specification LP-390 Type 1; class L; Grade 1 or 2; Category 4
Federal Specification LP-512 Type 1; Class L; Grade 1 or 2

*Based on average roll weight

**Nominal values are not to be considered minimum specification for acceptance of product

***Required by GSA for polyethylene shrink wrap