

# SPECIFICATIONS/TECHNICAL DATA

## POLYETHYLENE SHRINK WRAP

**Dr.Shrink<sup>+</sup>**  
INTERNATIONAL SHRINK WRAP SUPPLIER

Dr. Shrink's shrink wrap is suited for heavy-duty applications where excellent two directional shrink properties and toughness is required. Our 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. Dr. Shrink's shrink wrap is manufactured to the highest QC standards and is backed by a proven track record of success.

**MADE IN  
AMERICA**  
**QUALITY  
ASSURED**

## SHRINK WRAP (W/UVI)

Test Description	Method	Units	Nominal* Value							
Average Roll Thickness <i>(minimum individual value)</i>	ASTM D1593**	mil (µm)	6 (152)	7 (178)	8 (203)	9 (229)	10 (254)	12 (305)		
Shrink Temperature	ASTM D2732	deg° F	275° F							
Weatherability	ASTM G53	hours	1000+							
Tensile Properties	ASTM D882									
-Yield (md) / (cd)		psi	1450/1300							
-Break (md) / (cd)		psi	3000/3000							
-Elongation (md)		%	650	675	700	725	750	775		
-Elongation (cd)		%	750	775	800	825	850	850		
Dart Impact	ASTM D1709	gm	750	825	900	925	1000	1050		
Elmendorf Tear (md)	ASTM D1922	gm	750	900	1100	1350	1700	1900		
Elmendorf Tear (cd)	ASTM D1922	gm	1400	1600	1750	2050	2400	2600		
Moisture Vapor Transmission Rate	ASTM E96	g/100sq. in-day	0.23	0.20	0.18	0.16	0.14	0.10		
		perms	0.13	0.11	0.096	0.082	0.076	0.062		
		metric perms	0.086	0.072	0.063	0.054	0.050	0.041		

## AVAILABLE COLORS

☐ Clear
 ☒ Blue
 ☐ White

The above film 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

# CONNECT

**dr-shrink.com**  
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**231.723.2685**  
 315 Washington St.  
 Manistee, MI 49660

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

\*\*Based on average roll weight

\*\*\*Required by GSA for polyethylene shrink wrap

