

# POLY SHRINK WRAP

POLYETHYLENE SHRINK WRAP SHEETING



## PRODUCT DESCRIPTION

All Americover's 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.

As a general guideline, the shrink wrap will remain stable in temperatures as low as -20° Celsius when transporting and -25° Celsius when being stored only. The temperatures shown are those where we have seen our premium shrink wrap work. In other situations, this may not be the case. There are many variables that can affect the performance of the shrink wrap in subzero temperatures, so there can be no actual warranty.

## PRODUCT

## PART NUMBER

Heat Shrink Wrap 6 mil.....	HSW6
Heat Shrink Wrap 7 mil.....	HSW7
Heat Shrink Wrap 8 mil.....	HSW8
Heat Shrink Wrap 9 mil.....	HSW9
Heat Shrink Wrap 10 mil.....	HSW10
Heat Shrink Wrap 12 mil.....	HSW12

## 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

## APPLICATIONS

- Building/bridge wrapping
  - Boat Shrink Wrap
  - Vehicle shrink wrap
  - Shed Frame Protection
  - Pallet Wrap
  - Machinery Covers
  - Light Construction jobs
  - Transportation cover of medium sized machinery
  - Industrial containment
- of plant equipment/ components
  - Cover for irregular shaped objects
  - Transportation cover of large or medium sized machinery.
  - Industrial containment of plant equipment/ components

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PROPERTIES	TEST METHOD	UNITS	NOMINAL** VALUE					
Thickness	ASTM D1593*	mil	6	7	8	9	10	12
Weatherability	ASTM G53	hours	1000+	1000+	1000+	1000+	1000+	1000+
Shrink Temperature	ASTM D2732	Deg F	275°	275°	275°	275°	275°	275°

## TENSILE PROPERTIES

Yield (md)	ASTM D882	psi	1450	1450	1450	1450	1450	1450
Yield (cd)	ASTM D882	psi	1300	1300	1300	1300	1300	1300
Break (md)	ASTM D882	psi	1450	1450	1450	1450	1450	1450
Break (cd)	ASTM D882	psi	3000	3000	3000	3000	3000	3000
Elongation (md)	ASTM D882	%	650	675	700	725	750	775
Elongation (cd)	ASTM D882	%	750	775	800	825	850	850
Elmendorf Tear (md)	ASTM D1922	grams	750	900	1100	1350	1700	1900
Elmendorf Tear (cd)	ASTM D1922	grams	1400	1600	1750	2050	2400	2600
Dart Impact	ASTM D1709	grams	750	825	900	925	1000	1050

\*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

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.



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