



## **Poly-America** CONSTRUCTION SHEETING

Poly-America's construction sheeting is made from polyethylene which provides optimum in economy and performance. Because of its good weatherability, chemical inertness and toughness, Poly-America's polyethylene sheeting has successfully been used for over 30 years in a wide variety of applications. Thickness ranges from as little as 0.3 mil (8  $\mu$ m) for paint drop cloths to 100 mil (2.5 mm) or use as landfill liners. Widths range up to 40 ft (12 m). If you have a special application or need more information on our products, contact your area sales representative.

Poly-America's standard sheeting will meet or exceed the following standard technical specifications:

### **CONSTRUCTION SHEETING**

**Commercial Item Description A-A-3174** Plastic Sheet, Polyolefin  
Type 1  
Class 1  
Grade A or B  
Finish 1

**ASTM C171** Standard Specification for Sheet Materials Used for Curing Concrete

**ASTM D2103** Specification for Polyethylene Film and Sheeting  
Standard Classification 12230

Note: If requested, custom sheeting can be made to meet the following classifications:

12130      13130      13230      12330      13330

**ASTM D4635** Standard Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications

Type 1  
Class 2  
Surface 2  
Finish 1

**ASTM D4397** Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications  
(see Table 1 for Impact Resistance and WVTR requirements)

**TABLE 1**

<b>Thickness</b>	<b>Dart Impact</b>	<b>WVTR</b>	<b>WVTR</b>	<b>WVTR</b>
mils (µm)	ASTM D1709 g	ASTM E96 g/100 sq in-day	ASTM E96 perms	ASTM E96 metric perms
1(25)	40	1.4	.76	.50
2(51)	85	.7	.38	.25
3(76)	125	.47	.25	.17
4(102)	165	.35	.19	.12
5(127)	205	.28	.15	.10
6(152)	260	.23	.13	.084
7(178)	315	.2	.11	.070
8(203)	370	.18	.096	.063
9(229)	420	.16	.082	.054
10(254)	475	.14	.076	.050

NOTE: The above is for our standard sheeting products. Poly-America will produce custom sheeting products to meet other classifications or specifications. Contact Poly-America to see how we can help you with your needs.