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 µm) 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

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Type 1
Class 2
Surface 2
Finish 1

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

TABLE 1

Thickness	Dart Impact	WVTR	WVTR	WVTR
	ASTM D1709	ASTM E96	ASTM E96	ASTM E96
mils (μm)	g	g/100 sq in-day	perms	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.