



Poly-America **CONSTRUCTION SHEETING**

Poly-America's construction sheeting is made from polyethylene which provides for the 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) for 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

| Thickness ASTM D374 mils (µm) | Dart Impact ASTM D1709 g | WVTR ASTM E96 g/100 sq in-day | WVTR ASTM E96 perms | WVTR 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.