



SINCE 1952

POLYETHYLENE CONSTRUCTION FILM SPECIFICATIONS

To Our Valued Customer:

This letter is certification that all 4 mil (.004), 6 mil (.006), 8 mil (.008), and 10 mil (.010) full weight polyethylene construction film manufactured by Tex-Trude, LP and bearing the Tex-Trude label only, meets the criteria established in **ASTM D 4397**. This polyethylene film* manufactured by Tex-Trude, which includes clear, black, and white, has been one of the most durable and reliable construction films in the construction industry for over 25 years, and when tested meets or exceeds the standard of **ASTM D 2103-08**, and all applicable ASTM standards for each test listed below. The Water Vapor Transmission Rate was tested in accordance by **ASTM E 96**.

| ASTM D 4397 – 09 Table 3 – Specification for WVTR | |
|--|---|
| Film Thickness | WVTR (g/24 · h · 100 · in ²) |
| 4 mils | <.35 |
| 6 mils | <.23 |
| 8 mils | <.18 |
| 10 mils | <.14 |

| 14ASTM D 4397 – 09 Table 4 – Specification for Permeance | | |
|---|-------------------------|------------------------|
| Film Thickness | WVTR Perms (English) | WVTR Perms (Metric) |
| 4 mils | <.19 | <.12 |
| 6 mils | <.13 | <.084 |
| 8 mils | <.096 | <.063 |
| 10 mils | <.076 | <.050 |

ASTM References:

- D1709** Impact resistance of plastic film by free-falling dart method.
- D374** Thickness 6.2 Plastic Sheet and Film.
- 2103** Standard Specification for Polyethylene Film and Sheeting.
- E96** Water vapor transmission of materials.
- D4397** Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications.

| 050ASTM D 2103 – 08 Table 1 – Type Numbers | | | | |
|---|---------------------------------|------------------------|-------------------------|-------|
| Film Thickness | Density (g/cm ³) | Impact Strength (g) | Coefficient of Friction | Haze |
| 4, 6, 8 & 10 mils | 0.926 - 0.941 | 151 - 300 | Unspecified | > 9.0 |

Sincerely,

Tim McCafferty
 QSE Manager