

13.5" x 1 450' | Hand Stretch Film





# TECHNICAL INFORMATION & TYPICAL PROPERTIES

# >> PRODUCT DESCRIPTION

Excellent cling for improved puncture and wear resistance. Ideal for difficult-to-handle items and perfect for cold environments.

### **>> APPLICATIONS**

Brick & Block | Warehouse | Irregular Loads | Transportation Industry | Food Distribution | Bagged Products | Boxed Products | All Applications

## >> PRODUCT SPECIFICATIONS

#### Film properties

| • •                              | TYPICAL VALUE<br>(ENGLISH) | TOLERANCE | TEST METHOD |
|----------------------------------|----------------------------|-----------|-------------|
| Tensile Strength at Yield MD     | 1 600 psi                  | ±15%      | ASTM D882   |
| Tensile Strength at Yield TD     | 1 700 psi                  | ±15%      | ASTM D882   |
| Tensile Strength at Break MD     | 6 900 psi                  | ±15%      | ASTM D882   |
| Tensile Strength at Break TD     | 4 700 psi                  | ±15%      | ASTM D882   |
| Elongation at Break MD           | 470%                       | ±15%      | ASTM D882   |
| Elongation at Break TD           | 700%                       | ±15%      | ASTM D882   |
| Protrusion Puncture              | 8.6 lbs                    | ±15%      | ASTM D5748  |
| Protrusion Puncture Energy       | 17.52 in-lb                | ±15%      | ASTM D5748  |
| Elmendorf Tear Strength MD       | 140 g/mil                  | ±15%      | ASTM D1922  |
| Elmendorf Tear Strength TD       | 750 g/mil                  | ±15%      | ASTM D1922  |
| Cling – Outside to Inside @ 225% | min 150 g/in               | ±15%      | ASTM D5458  |

#### **Dimensions**

|                | VALUE        | TOLERANCE |
|----------------|--------------|-----------|
| Core ID        | 3.05 inches  | ±0.05 in  |
| Film Thickness | 19.0 microns |           |