



Technical Information and Typical Properties

HPB Supreme Blown Hand Film

.51 mil

Product Description

Supreme blown hand film is Sigma's "top of the line" blown hand film for the most difficult applications. Ideal for distribution centres that have difficult C-type pallets but is versatile enough to be used in most applications for enhanced load containment.

General

Applications •Brick & Block•Warehouse•Irregular Loads•Transportation Industry•Food
 Distribution•Bagged Products•Boxed Products•All Applications
 Revision Date 6/22/2015 Available in widths from 11"-18"

| Film Properties | Typical Value | | Test Method |
|----------------------------------|---------------|-----------|-------------|
| | (English) | Tolerance | |
| Tensile Strength at Yield MD | 1600 psi | ± 15% | ASTM D882 |
| Tensile Strength at Yield TD | 1700psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 7000psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 4900psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 380% | ± 15% | ASTM D882 |
| Elongation at Break TD | 500% | ± 15% | ASTM D882 |
| Protrusion Puncture | 6.5 lbs | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 12.8 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 160 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 | 13.0 micron | |

Manufactured with pride in the USA and Canada by

Sigma Stretch Film

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