



## Technical Information and Typical Properties

### MIT One Side-Cling Machine Film .55 mil




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#### Product Description

Sigma Summit is Sigma's ultra-performance one-side cling, cast film. Summit sets the industry standard with this high quality, consistent machine film perfectly suited for high speed wrapper applications. Summit, in conjunction with our Rite-Gauging methodology will get more product to its destination in as-made condition.

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#### General

Applications           • High Volume       • High speed wrapping   • One-side cling required  
Revision Date         6/22/2015         Available in 20 and 30 inch widths

| Film Properties                  | Typical Value |           | Test Method |
|----------------------------------|---------------|-----------|-------------|
|                                  | (English)     | Tolerance |             |
| Tensile Strength at Yield MD     | 1350 psi      | ± 15%     | ASTM D882   |
| Tensile Strength at Yield TD     | 1250psi       | ± 15%     | ASTM D882   |
| Tensile Strength at Break MD     | 6700psi       | ± 15%     | ASTM D882   |
| Tensile Strength at Break TD     | 4000psi       | ± 15%     | ASTM D882   |
| Elongation at Break MD           | 470%          | ± 15%     | ASTM D882   |
| Elongation at Break TD           | 590%          | ± 15%     | ASTM D882   |
| Protrusion Puncture              | 10.0 lbs      | ± 15%     | ASTM D5748  |
| Protrusion Puncture Energy       | 17.1 in-lb    | ± 15%     | ASTM D5748  |
| Elmendorf Tear Strength MD       | 300 g/mil     | ± 15%     | ASTM D1922  |
| Elmendorf Tear Strength TD       | 600 g/mil     | ± 15%     | ASTM D1922  |
| Cling - Outside to Inside @ 225% | min 150 g/in  | ± 15%     | ASTM D5458  |

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| Dimensions     | Value       | Tolerance |
|----------------|-------------|-----------|
| Core ID        | 3.05 inches | ± 0.05 in |
| Film Thickness | 14.0 micron |           |

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Manufactured with pride in the USA and Canada by

#### **Sigma Stretch Film**

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