



Technical Information and Typical Properties

ECOSUPREME 2 Prestretched Hand Film .33 mil



Product Description

ECOSUPREME 2 is Sigma's premium grade, pre-stretched hand film made with a proprietary orientation process that produces stronger films, at thinner gauges. Engineered with Dynamic Tension, ECOSUPREME 2 will actually increase in containment force after wrapping to get more of your valuable products to their destination, in as-made condition. Core extensions and ultra lightweight rolls make ECOSUPREME 2 easy to handle and reduces operator fatigue. Engineered to outperform all competitive hand films, ECOSUPREME 2 has reinforced edges that provide unrivaled load-holding force and tear resistance with cling that makes it ideal in all environments including cold temperatures and dusty facilities.

General

Applications

Cold environments;Grocery warehouse;Internal wrapping;Boxed products;Food processing;All load profiles

Revision Date 4/20/2016 Available in widths from 13"-18"

| Film Properties | Typical Value | | |
|----------------------------------|---------------|-----------|-------------|
| | (English) | Tolerance | Test Method |
| Tensile Strength at Yield MD | No Yield | ± 15% | ASTM D882 |
| Tensile Strength at Yield TD | 1000psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 15000psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 4000psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 180% | ± 15% | ASTM D882 |
| Elongation at Break TD | 690% | ± 15% | ASTM D882 |
| Protrusion Puncture | 5.3 lbs | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 12.5 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 450 g/mil | ± 15% | ASTM D1922 |
| Elmendorf Tear Strength TD | 980 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 | 8.4 micron | |

Sigma Stretch Film

Page & Schuyler Aves. Bldg #8

Phone: 800-672-9727 • 201-507-9100

Email: stretch.info@sigmaplastics.com

Visit our website at www.sigmastretchfilm.com

©Copyright 2018 Sigma Stretch Film