

MFC TWO-SIDED CLING MACHINE FILM

.55 mil

Product Description

High prestretch quality two-sided cling cast machine film. Optimum performance when pre-stretched between 250% - 300%. Available in 20 inch and 30 inch widths.

Applications

Bagged products
 Food processors
 Most A/B-load profiles,
 Light to moderate weight loads
 Distribution warehouses

Automatic equipment
 High speed overhead equipment
 Boxed product
 Items prone to crush

SIGMA
MAGNUM
 CAST

| Film Properties | Typical Value (English) | Tolerance | Test Method |
|----------------------------------|-------------------------|-----------|-------------|
| Tensile Strength at Yield MD | 1250 psi | N/A | N/A |
| Tensile Strength at Yield TD | 1100 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 4900 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 3100 psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 470% | ± 15% | ASTM D882 |
| Elongation at Break TD | 590% | ± 15% | ASTM D882 |
| Protrusion Puncture | 10.1 lbs. | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 17.1 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 290 g/mil | ± 15% | ASTM 1922 |
| Elmendorf Tear Strength TD | 710 g/mil | ± 15% | ASTM 1922 |
| Cling - Outside to Inside @ 225% | min 150 g/in | ± 15% | ASTM D5458 |

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

Manufactured with pride in the USA and Canada by
Sigma Stretch Film

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| Film Properties | Typical Value (English) | Tolerance | Test Method |
|----------------------------------|-------------------------|-----------|-------------|
| Tensile Strength at Yield MD | 1200 psi | N/A | N/A |
| Tensile Strength at Yield TD | 1150 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 4800 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 3100 psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 490% | ± 15% | ASTM D882 |
| Elongation at Break TD | 610% | ± 15% | ASTM D882 |
| Protrusion Puncture | 11.0 lbs. | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 20.2 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 280 g/mil | ± 15% | ASTM 1922 |
| Elmendorf Tear Strength TD | 690 g/mil | ± 15% | ASTM 1922 |
| Cling - Outside to Inside @ 225% | min 150 g/in | ± 15% | ASTM D5458 |

| Dimensions | Value | Tolerance |
|----------------|-------------|-----------|
| Core ID | 3.05 inches | ± 0.05% |
| Film Thickness | 16.5 micron | |

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MFC TWO-SIDED CLING MACHINE FILM

.75 mil

Product Description

High prestretch quality two-sided cling cast machine film. Optimum performance when pre-stretched between 250% - 300%. Available in 20 inch and 30 inch widths.

Applications

Bagged products
 Food processors
 Most A/B-load profiles,
 Light to moderate weight loads
 Distribution warehouses

Automatic equipment
 High speed overhead equipment
 Boxed product
 Items prone to crush

SIGMA
MAGNUM
 CAST

| Film Properties | Typical Value (English) | Tolerance | Test Method |
|----------------------------------|-------------------------|-----------|-------------|
| Tensile Strength at Yield MD | 1200 psi | N/A | N/A |
| Tensile Strength at Yield TD | 1150 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break MD | 4700 psi | ± 15% | ASTM D882 |
| Tensile Strength at Break TD | 3100 psi | ± 15% | ASTM D882 |
| Elongation at Break MD | 510% | ± 15% | ASTM D882 |
| Elongation at Break TD | 630% | ± 15% | ASTM D882 |
| Protrusion Puncture | 11.5 lbs. | ± 15% | ASTM D5748 |
| Protrusion Puncture Energy | 23.3 in-lb | ± 15% | ASTM D5748 |
| Elmendorf Tear Strength MD | 270 g/mil | ± 15% | ASTM 1922 |
| Elmendorf Tear Strength TD | 670 g/mil | ± 15% | ASTM 1922 |
| Cling - Outside to Inside @ 225% | min 150 g/in | ± 15% | ASTM D5458 |

| Dimensions | Value | Tolerance |
|----------------|-------------|-----------|
| Core ID | 3.05 inches | ± 0.05% |
| Film Thickness | 19.0 micron | |

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