

## HSP47 PCR CAST HAND FILM 47G

### Product Description

Sigma Sustain360 is a stiff, engineered, ultra-premium cast hand film with 30% PCR. It has one sided cling, high puncture resistance, and exceptional toughness. With light rolls and easy unwind, this film is designed with user comfort in mind. Available in 18 inch width.

### Applications

Grocery  
 High volume distribution  
 General wrapping



| Film Properties                  | Typical Value (English) | Tolerance | Test Method |
|----------------------------------|-------------------------|-----------|-------------|
| Tensile Strength at Yield MD     | No Yield                | N/A       | N/A         |
| Tensile Strength at Yield TD     | 1440 psi                | ± 15%     | ASTM D882   |
| Tensile Strength at Break MD     | 6170 psi                | ± 15%     | ASTM D882   |
| Tensile Strength at Break TD     | 4670 psi                | ± 15%     | ASTM D882   |
| Elongation at Break MD           | 303%                    | ± 15%     | ASTM D882   |
| Elongation at Break TD           | 555%                    | ± 15%     | ASTM D882   |
| Protrusion Puncture              | 7.2 lbs.                | ± 15%     | ASTM D5748  |
| Protrusion Puncture Energy       | 23.9 in-lb              | ± 15%     | ASTM D5748  |
| Elmendorf Tear Strength MD       | 230 g/mil               | ± 15%     | ASTM 1922   |
| Elmendorf Tear Strength TD       | 650 g/mil               | ± 15%     | ASTM 1922   |
| Cling - Outside to Inside @ 225% | min 130 g/in            | ± 15%     | ASTM D5458  |

| Dimensions     | Value       | Tolerance | Value (SI) | Tolerance |
|----------------|-------------|-----------|------------|-----------|
| Core ID        | 3.05 inches | ± 0.05%   | 76.2 mm    | ±1.3 mm   |
| Film Thickness | 11.9 micron |           |            |           |

**Manufactured with pride in the USA and Canada by  
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](http://www.sigmastretchfilm.com)

©Copyright 2018 Sigma Stretch Film