

RSC EXTENDED CORE HAND FILM

.70 mil

Product Description

Premium hand film designed with integrated 5 inch extended application handles. No dispensers required. The X-Core design and light-weight rolls make it easy-to-use in tight spaces and reduce fatigue. The wide film web allows quicker wrapping with less revolutions. Available in widths from 11 inches to 18 inches.

Applications

Distribution
 Moving and storage
 Boxed products
 Transportation industry

SIGMA
EXTENDED
 CORE

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1250 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1200 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6900 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000 psi	± 15%	ASTM D882
Elongation at Break MD	420%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	ASTM D882
Protrusion Puncture	9.5 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	21.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	340 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	550 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	17.8 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
 ©Copyright 2018 Sigma Stretch Film

RSC EXTENDED CORE HAND FILM .80 mil

Product Description

Premium hand film designed with integrated 5 inch extended application handles. No dispensers required. The X-Core design and light-weight rolls make it easy-to-use in tight spaces and reduce fatigue. The wide film web allows quicker wrapping with less revolutions. Available in widths from 11 inches to 18 inches.

Applications

Distribution
Moving and storage
Boxed products
Transportation industry

SIGMA
EXTENDED
CORE

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1300 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1200 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6900 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4000 psi	± 15%	ASTM D882
Elongation at Break MD	480%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	ASTM D882
Protrusion Puncture	10.0 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	23.0 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	540 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	20.3 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
©Copyright 2018 Sigma Stretch Film

RSC EXTENDED CORE HAND FILM

.90 mil

Product Description

Premium hand film designed with integrated 5 inch extended application handles. No dispensers required. The X-Core design and light-weight rolls make it easy-to-use in tight spaces and reduce fatigue. The wide film web allows quicker wrapping with less revolutions. Available in widths from 11 inches to 18 inches.

Applications

Distribution
 Moving and storage
 Boxed products
 Transportation industry

SIGMA
EXTENDED
 CORE

Film Properties	Typical Value (English)	Tolerance	Test Method
Tensile Strength at Yield MD	1250 psi	± 15%	ASTM D882
Tensile Strength at Yield TD	1200 psi	± 15%	ASTM D882
Tensile Strength at Break MD	6800 psi	± 15%	ASTM D882
Tensile Strength at Break TD	4100 psi	± 15%	ASTM D882
Elongation at Break MD	480%	± 15%	ASTM D882
Elongation at Break TD	620%	± 15%	ASTM D882
Protrusion Puncture	9.7 lbs.	± 15%	ASTM D5748
Protrusion Puncture Energy	25.2 in-lb	± 15%	ASTM D5748
Elmendorf Tear Strength MD	330 g/mil	± 15%	ASTM 1922
Elmendorf Tear Strength TD	540 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	22.9 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
 ©Copyright 2018 Sigma Stretch Film