



**StretchFLEX-SSC**  
 14.0 micron - 55 gauge - 0.55 mil  
 Product Data Sheet  
 NOT INTENDED AS LIMITING SPECIFICATIONS

Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	14.0 micron / 0.55 mil / 55 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	7500' (nominal) 8000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" - 7500' = 33.0 lb (nominal) 8000' = 35.2 lb (nominal) 30" - 7500' = 49.5 lb (nominal) 8000' = 52.8 lb (nominal)
<b>Roll Diameter (O.D., inches)</b>	7500' = 8.90" (nominal) 8000' = 9.18" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	6500 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	3500 psi
<b>Elongation MD (%)</b>	ASTM D 882	405 %
<b>Elongation TD (%)</b>	ASTM D 882	710 %
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	270 g (491 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	480 g (873 g/mil)
<b>Dart Drop</b>	ASTM D 1709	180 g (327 g/mil)
<b>Prestretch</b>	IPG / Highlight	200 % (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	130 g @ 200% prestretch

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**StretchFLEX-SSC**  
 16.5 micron - 65 gauge - 0.65 mil  
 Product Data Sheet  
**NOT INTENDED AS LIMITING SPECIFICATIONS**

Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	16.5 micron / 0.65 mil / 65 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	7000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" = 36.4 lbs. (nominal) 30" = 54.6 lbs. (nominal)
<b>Roll Diameter (O.D., inches)</b>	9.3" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	7000 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4000 psi
<b>Elongation MD (%)</b>	ASTM D 882	475%
<b>Elongation TD (%)</b>	ASTM D 882	750%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	300 g (460 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	500 g (770 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (308 g/mil)
<b>Prestretch</b>	IPG / Highlight	225% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	140 g @ 250% prestretch

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**StretchFLEX-SSC**  
 17.8 micron - 70 gauge - 0.70 mil  
 Product Data Sheet  
 NOT INTENDED AS LIMITING SPECIFICATIONS

Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	17.8 micron / 0.70 mil / 70 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	6000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" = 33.6 lbs. (nominal) 30" = 50.4 lbs. (nominal)
<b>Roll Diameter (O.D., inches)</b>	6000' = 9.0" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	7000 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4000 psi
<b>Elongation MD (%)</b>	ASTM D 882	515%
<b>Elongation TD (%)</b>	ASTM D 882	765%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	300 g (429 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	515 g (736 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (286 g/mil)
<b>Prestretch</b>	IPG / Highlight	235% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	150 g @ 250% prestretch

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**StretchFLEX-SSC**  
 19.0 micron - 75 gauge - 0.75 mil  
 Product Data Sheet  
 NOT INTENDED AS LIMITING SPECIFICATIONS

Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	19.0 micron / 0.75 mil / 75 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	5000' (nominal) 6000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" – 5000' = 30.0 lbs. (nominal) 6000' = 36.0 lbs. (nominal) 30" – 5000' = 45.0 lbs. (nominal) 6000' = 54.0 lbs. (nominal)
<b>Roll Diameter (O.D., inches)</b>	5000' = 8.59" (nominal) 6000' = 9.26" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	7000 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4000 psi
<b>Elongation MD (%)</b>	ASTM D 882	550%
<b>Elongation TD (%)</b>	ASTM D 882	785%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	300 g (400 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	525 g (700 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (267 g/mil)
<b>Prestretch</b>	IPG / Highlight	245% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	150 g @ 275% prestretch

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**StretchFLEX-SSC**  
 20.3 micron - 80 gauge - 0.80 mil  
 Product Data Sheet  
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Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	20.3 micron / 0.80 mil / 80 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	5000' & 6000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" - 5000' = 32.0 lbs. 6000' = 38.4 lbs. 30" - 5000' = 48.0 lbs. 6000' = 57.6 lbs.
<b>Roll Diameter (O.D., inches)</b>	5000' = 9.0" (nominal) 6000' = 9.5" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	6500 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4000 psi
<b>Elongation MD (%)</b>	ASTM D 882	600%
<b>Elongation TD (%)</b>	ASTM D 882	800%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	300 g (375 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	550 g (690 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (250 g/mil)
<b>Prestretch</b>	IPG / Highlight	255% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	150 g @ 275% prestretch

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**StretchFLEX-SSC**  
 27.9 micron - 110 gauge – 1.10 mil  
 Product Data Sheet  
 NOT INTENDED AS LIMITING SPECIFICATIONS

Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	27.9 micron / 1.10 mil / 110 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	4250 (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" - 4250 = 37.4 lbs. 30" - 4250 = 56.1 lbs.
<b>Roll Diameter (O.D., inches)</b>	4250 = 9.4" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	6600 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4500 psi
<b>Elongation MD (%)</b>	ASTM D 882	700%
<b>Elongation TD (%)</b>	ASTM D 882	850%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	325 g (375 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	570 g (690 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (250 g/mil)
<b>Prestretch</b>	IPG / Highlight	275% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	150 g @ 275% prestretch

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**StretchFLEX-SSC**  
 36.8 micron - 145 gauge – 1.45 mil  
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Characteristics	Values
<b>Manufacturing Process</b>	5-Layer Cast Film
<b>Thickness (nominal)</b>	36.8 micron / 1.45 mil / 145 gauge
<b>Film Width (inches)</b>	20" & 30" (nominal)
<b>Length (feet)</b>	3000' (nominal)
<b>Net Weight / Roll (lbs. - nominal)</b>	20" = 34.8 lbs (nominal) 30" = 52.2 lbs (nominal)
<b>Roll Diameter (O.D., inches)</b>	9.13" (nominal)
<b>Core I.D.</b>	3.0" (nominal)

Tests	Methods	Values
<b>Ultimate Tensile MD (psi)</b>	ASTM D 882	4500 psi
<b>Ultimate Tensile TD (psi)</b>	ASTM D 882	4000 psi
<b>Elongation MD (%)</b>	ASTM D 882	650%
<b>Elongation TD (%)</b>	ASTM D 882	900%
<b>Tear Resistance MD (grams)</b>	ASTM D 1922	460 g (317 g/mil)
<b>Tear Resistance TD (grams)</b>	ASTM D 1922	775 g (535 g/mil)
<b>Dart Drop</b>	ASTM D 1709	200 g (138 g/mil)
<b>Prestretch</b>	IPG / Highlight	320% (Breaking point)
<b>Cling (in to out, grams)</b>	IPG method	150 g @ 275% prestretch

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