

Stretch Film

SF1 (Machine Grade – H1)

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

Test	Values (listed by film thickness)									
	Reference Methods	50 gauge 12.7 micron 0.50 mil	55 gauge 14.0 micron 0.55 mil	60 gauge 15.2 micron 0.60 mil	63 gauge 16 micron 0.63 mil	65 gauge 16.5 micron 0.65 mil	67 gauge 17.0 micron 0.67 mil	70 gauge 17.8 micron 0.70 mil	75 gauge 19.0 micron .075 mil	80 gauge 20.3 micron 0.80 mil
Ultimate Tensile MD (psi)	ASTM D882	6970	6931	6892	6869	6853	6838	6815	6776	6737
Ultimate Tensile TD (psi)	ASTM D882	4604	4568	4533	4512	4498	4483	4462	4427	4392
Elongation MD (%)	ASTM D882	605	614	623	628	631	635	640	649	657
Elongation TD (%)	ASTM D882	842	854	866	872	877	882	889	900	912
Tear Resistance MD (grams and g/mil)	ASTM D1922	276 grams	280 grams	285 grams	288 grams	289 grams	291 grams	294 grams	299 grams	303 grams
		552 g/mil	509 g/mil	475 g/mil	457 g/mil	444.6 g/mil	434 g/mil	420 g/mil	398.7 g/mil	379 g/mil
Tear Resistance TD (grams and g/mil)	ASTM D1922	532 grams	546 grams	560 grams	569 grams	575 grams	580 grams	589 grams	603 grams	618 grams
		1064 g/mil	993 g/mil	933 g/mil	903 g/mil	884.6 g/mil	866 g/mil	841 g/mil	804 g/mil	773 g/mil
Dart Drop (grams and g/mil)	ASTM D1709	73 grams	76 grams	79 grams	80 grams	81 grams	83 grams	84 grams	87 grams	90 grams
		146 g/mil	138 g/mil	132 g/mil	127 g/mil	124.6 g/mil	124 g/mil	120 g/mil	116 g/mil	113 g/mil
Pre-stretch (% at break)	IPG/Highlight	336	368	371	373	374	375	376	379	382
Cling (in to out, grams at 200% pre-stretch)	IPG method	202 grams	202 grams	202 grams	202 grams	202 grams	202 grams	203 grams	203 grams	203 grams

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