

Stretch Film

StretchFLEX I (H1)

INTERTAPE POLYMER GROUP

TECHNICAL DATA SHEET

Test	Reference Methods	Values (listed by film thickness)													
		50 gauge		60 gauge		70 gauge		80 gauge		90 gauge		100 gauge		110 gauge	
		12.7 micron		15.2 micron		17.8 micron		20.3 micron		22.9 micron		25.4 micron		27.9 micron	
		0.50 mil		0.60 mil		0.70 mil		0.80 mil		0.90 mil		1.00 mil		1.10 mil	
Ultimate Tensile MD (psi)	ASTM D 882	7000		7200		7400		6300		6000		6100		6800	
Ultimate Tensile TD (psi)	ASTM D 882	3890		4015		4800		4250		4100		4200		4600	
Elongation MD (%)	ASTM D 882	470		490		497		600		600		700		700	
Elongation TD (%)	ASTM D 882	820		795		900		800		850		900		950	
Tear Resistance MD (grams & g/mil)	ASTM D 1922	288	grams	250	grams	250	grams	260	grams	280	grams	300	grams	312	grams
		576	g/mil	417	g/mil	357	g/mil	325	g/mil	311	g/mil	300	g/mil	284	g/mil
Tear Resistance TD (grams & g/mil)	ASTM D 1922	391	grams	450	grams	360	grams	500	grams	620	grams	150	grams	686	grams
		782	g/mil	750	g/mil	514	g/mil	625	g/mil	689	g/mil	150	g/mil	624	g/mil
Dart Drop (grams & g/mil)	ASTM D 1709	144	grams	180	grams	160	grams	150	grams	200	grams	180	grams	215	grams
		287	g/mil	300	g/mil	229	g/mil	188	g/mil	222	g/mil	180	g/mil	195	g/mil
Prestretch (% at break)	IPG/Highlight	250		250		250		250		225		225		225	
Cling (in to out, grams at 200% prestretch)	IPG method	150	grams	150	grams	150	grams	150	grams	150	grams	125	grams	125	grams

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