

Stretch Film

SuperFLEX Genesys (H5)

INTERTAPE POLYMER GROUP

PRODUCT DATA SHEET

Test	Reference Methods	Values (listed by film thickness)								
		51 gauge	55 gauge	57 gauge	60 gauge	61 gauge	63 gauge	65 gauge	69 gauge	70 gauge
		13.0 micron	14.0 micron	14.5 micron	15.2 micron	15.5 micron	16.0 micron	16.5 micron	17.5 micron	17.8 micron
		0.51 mil	0.55 mil	0.57 mil	0.60 mil	0.61 mil	0.63 mil	0.65 mil	0.69 mil	0.70 mil
Ultimate Tensile MD (psi)	ASTM D 882	7422	7377	7355	7322	7311	7289	7266	7222	7211
Ultimate Tensile TD (psi)	ASTM D 882	5467	5532	5564	5612	5629	5661	5693	5757	5774
Elongation MD (%)	ASTM D 882	615	629	636	646	650	657	664	678	682
Elongation TD (%)	ASTM D 882	737	746	751	758	760	764	769	778	780
Tear Resistance MD (grams & g/mil)	ASTM D 1922	307 grams	319 grams	326 grams	335 grams	338 grams	344 grams	350 grams	363 grams	366 grams
		602 g/mil	580 g/mil	572 g/mil	558 g/mil	554 g/mil	546 g/mil	538 g/mil	526 g/mil	523 g/mil
Tear Resistance TD (grams & g/mil)	ASTM D 1922	461 grams	482 grams	493 grams	509 grams	514 grams	525 grams	535 grams	557 grams	562 grams
		904 g/mil	876 g/mil	865 g/mil	848 g/mil	843 g/mil	833 g/mil	823 g/mil	807 g/mil	803 g/mil
Dart Drop (grams & g/mil)	ASTM D 1709	1000 grams	1035 grams	1053 grams	1080 grams	1089 grams	1107 grams	1124 grams	1160 grams	1169 grams
		1961 g/mil	1882 g/mil	1847 g/mil	1800 g/mil	1785 g/mil	1757 g/mil	1729 g/mil	1681 g/mil	1670 g/mil
Prestretch (% at break)	IPG/Highlight	399	404	406	410	412	414	417	422	423
Cling (in to out, grams at 200% prestretch)	IPG method	176 grams	181 grams	183 grams	187 grams	188 grams	191 grams	193 grams	198 grams	200 grams

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Customer Service: 800.IPG.8273 | 800.474.8273

Tape Technical Service: 877.447.4832

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Test	Reference Methods	Values (listed by film thickness)							
		75 gauge	80 gauge	85 gauge	90 gauge	95 gauge	100 gauge	105 gauge	110 gauge
		19.1 micron	20.3 micron	21.6 micron	22.9 micron	24.1 micron	25.4 micron	26.6 micron	27.9 micron
		0.75 mil	0.80 mil	0.85 mil	0.90 mil	0.95 mil	1.00 mil	1.05 mil	1.10 mil
Ultimate Tensile MD (psi)	ASTM D 882	7156	7100	7045	6989	6934	6879	6823	6768
Ultimate Tensile TD (psi)	ASTM D 882	5854	5935	6015	6096	6176	6257	6338	6418
Elongation MD (%)	ASTM D 882	699	717	734	752	770	787	805	822
Elongation TD (%)	ASTM D 882	791	802	814	825	836	847	859	870
Tear Resistance MD (grams & g/mil)	ASTM D 1922	381 grams	397 grams	413 grams	428 grams	444 grams	459 grams	475 grams	490 grams
		508 g/mil	496 g/mil	486 g/mil	476 g/mil	467 g/mil	459 g/mil	452 g/mil	445 g/mil
Tear Resistance TD (grams & g/mil)	ASTM D 1922	588 grams	615 grams	641 grams	668 grams	694 grams	721 grams	747 grams	774 grams
		784 g/mil	769 g/mil	754 g/mil	742 g/mil	731 g/mil	721 g/mil	711 g/mil	704 g/mil
Dart Drop (grams & g/mil)	ASTM D 1709	1213 grams	1258 grams	1302 grams	1346 grams	1391 grams	1435 grams	1480 grams	1524 grams
		1617 g/mil	1573 g/mil	1532 g/mil	1496 g/mil	1464 g/mil	1435 g/mil	1410 g/mil	1385 g/mil
Prestretch (% at break)	IPG/Highlight	430	437	443	450	456	463	469	476
Cling (in to out, grams at 200% prestretch)	IPG method	206 grams	212 grams	219 grams	225 grams	231 grams	238 grams	244 grams	251 grams

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