

Technical Data Sheet

Stretch Film-Hand Wrap

Values listed by film thickness

Reference Methods	65 gauge 16.5 micron 0.65 mil	70 gauge 17.8 micron 0.70 mil	80 gauge 20.3 micron 0.80 mil	90 gauge 22.9 micron 0.90 mil	100 gauge 25.4 micron 1.00 mil	110 gauge 27.9 micron 1.10 mil	
Ultimate MD (psi) Tensile	ASTM D882	6150	6200	6200	6300	6380	6450
Ultimate TD (psi) Tensile	ASTM D882	4650	4000	4800	4900	4910	5000
Elongation MD (%)	ASTM D882	480	500	500	600	715	625
Elongation TD (%)	ASTM D882	640	650	670	735	810	750
Tear Resistance MD	ASTM D1922	40 grams	42 grams	90 grams	92 grams	92 grams	97 grams
		61.5 g/mil	60 g/mil	113 g/mil	102 g/mil	92 g/mil	88.2 g/mil
Tear Resistance TD	ASTM D1922	474 grams	530 grams	350 grams	320 grams	337 grams	350 grams
		729 g/mil	757 g/mil	438 g/mil	356 g/mil	337 g/mil	318 g/mil
Dart Drop	ASTM D1709	50 grams	58 grams	61grams	65 grams	73 grams	75 grams
		76.9 g/mil	82.9 g/mil	76.3 g/mil	72.2 g/mil	73 g/mil	68.2 g/mil
Pre-stretch (%at break)	IPG/Highlight	220	265	275	285	300	325