



3M™ Double Coated Tape 93020LE

3M™ Double Coated Tapes with 3M™ High Strength Acrylic Adhesive 300LSE provides a high bond strength to most surfaces, including many low surface energy plastics such as polypropylene and powder coated paints. The acrylic adhesive also provides excellent adhesion to surfaces contaminated with oil typically used with machine parts.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

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PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Adhesive Carrier		-	Clear Polyester
Adhesive Type		-	300LSE Acrylic
Adhesive Thickness	Faceside	mm mil	0.095 3.7
Carrier Thickness		mm mil	0.012 0.5
Adhesive Thickness	Backside	mm mil	0.095 3.7
Total Tape Thickness	ASTM D3652	mm mil	0.2 7.9
Liner		-	58# Polycoated Kraft Paper (PCK)
Liner Print		-	300LSE
Liner Thickness		mm mil	0.11 4.2
Primary Liner Color		-	Tan
Short Term Temperature Resistance		°F °C	300 149
Long Term Temperature Resistance		°F °C	200 93
Breakdown Voltage		v	7,500
Core Size (ID)	-	mm in	76.2 3
Maximum Length	1 in to 3 in	m yd	329 360
Maximum Length	1/2 in to 63/64 in	m yd	164 180
Maximum Length	3 in to 54 in	m yd	329 360
Normal Slitting Tolerance	-	mm in	0.8 0.03

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180° Peel Adhesion DWELL TIME	SUBSTRATE	UNIT	VALUE
15 min	ABS	n/cm	15.9
		oz/in	145
15 min	Polycarbonate (PC)	n/cm	18.1
		oz/in	165
15 min	Polypropylene (PP)	n/cm	17
		oz/in	155
15 min	Stainless Steel	n/cm	17
		oz/in	155
72 h	ABS	n/cm	17
		oz/in	155
72 h	Polycarbonate (PC)	n/cm	19.7
		oz/in	180
72 h	Polypropylene (PP)	n/cm	19.2
		oz/in	175
72 h	Stainless Steel	n/cm	18.6
		oz/in	170