



3M™ Membrane Switch Spacer 7993MP, Single Coated

3M™ High Performance Acrylic Adhesive 200MP is a popular choice and industry standard, for graphic attachment and general industrial joining applications. It provides outstanding adhesion to metal and high surface energy plastics. This adhesive provides some initial repositionability for placement accuracy when bonding to plastics. It also performs well after exposure to humidity and hot/cold cycles and provides the assurance the switch will perform through difficult environmental conditions and millions of actuations.

TECHNICAL DATA SHEET | (EFFECTIVE 24FEB25)

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PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Adhesive Type		-	200MP Acrylic
Adhesive Carrier		-	Polyester Flim (PET)
Carrier Thickness		mm mil	0.03 1
Total Tape Thickness	ASTM D3652	mm mil	0.05 2
Liner Print		-	200MP
Liner		-	94# Polycoated Kraft Paper (PCK)
Liner Thickness		mm mil	0.18 7
Tensile Strength	ASTM D2370	n/cm lb/in	6316 6309
Short Term Temperature Resistance		°F °C	300 149
Long Term Temperature Resistance		°F °C	200 93
Coefficient of Thermal Expansion	ASTM D696	m/m/ °C	4.5×10^{-4}
Surface Resistivity	ASTM D257	Ω	$>5.6 \times 10^{16}$
Dissipation Factor	ASTM D150	-	0.012
Dielectric Strength	ASTM D149		66.9
Volume Resistivity	ASTM D257	Ω-cm	2.7×10^{15}
Insulation Resistance	Mil-I-46058C	Ω	6.5×10^{12}