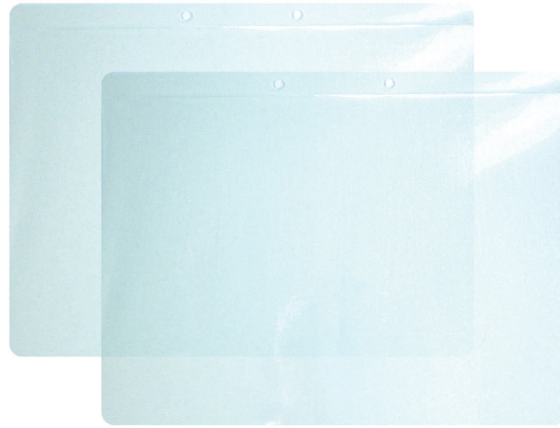


Product Data

Holder Document A4

Model : 809

Code : 5401 Series



Features	Application
Permanent static dissipative performance	Electronic assembly packaging
Humidity insensitive	Medical device packaging
Contact clarity	Electronic component packaging
Recycle and reusable	PCB tray packaging
Ultra clean: low ionic	

Typical Properties	M809	Units	Test Method
Host Polymer	PMMA		
Filler	IDP alloy		
Color	Translucent		
Specific Gravity	1.11	g/cc	ASTM D792

Electrical Properties			
Surface Resistivity	1×10^{10}	Ohm / Sq	ASTM D257 (50% R.H.)
Surface Resistance	9×10^9	Ohm	ESD S11.11 (12% R.H.)
Volume Resistivity	1×10^{10}	Ohm-cm	ASTM D257
Static Decay Rate +5000 V to 50 V	0.03	Sec	FTMS-101C (12% R.H.)
Static Decay Rate - 5000 V to -50 V	0.04	Sec	FTMS-101C (12% R.H.)

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Thailand
Bold-Pack Materials (Thai) Co. Ltd

Philippines
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India
Pro-Pack Materials India Pvt Ltd

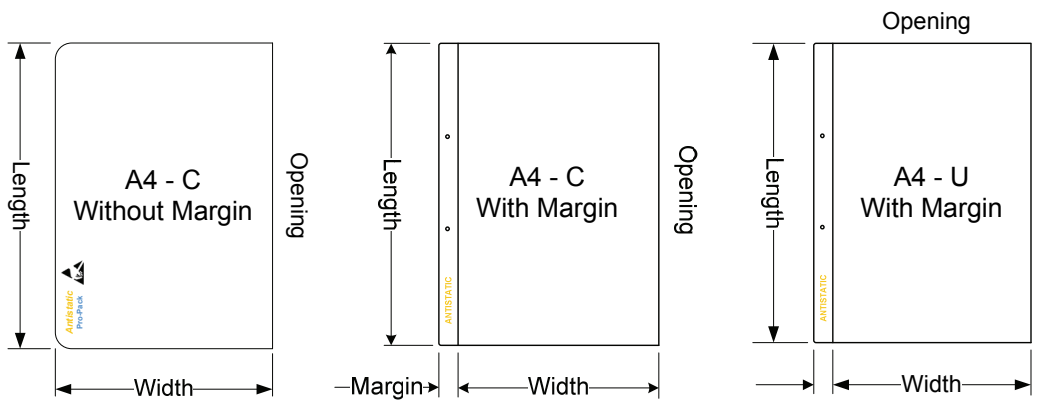
China
Pro-Pack Materials (Wuxi) Co., Ltd

Product Data

Holder Document A4 (V73)

Model : 809

Code : 5401 Series



Mechanical Properties	M809	Units	Test Method
Tensile Strength @ Yield	3800 (27)	psi (MPa)	ASTM D638
Tensile Elongation, Break	27	%	ASTM D638
Tensile Modulus	219,000 (1510)	psi (MPa)	ASTM D638
Flexural Modulus	210,000 (1450)	psi (MPa)	ASTM D790 92
HDT @ 66 psi	167 (75)	°F (°C)	ASTM D648
HDT @ 264 psi	153 (67)	°F (°C)	ASTM D648
Notched Izod Impact	2.6 (140)	ft/lb/in (J/m)	ASTM D256 92

Out Gassing Components	M809	Unit	Test Method
MMA	40	µg/g	#3010-3
Styrene	15	µg/g	#3010-3
Toluene	180	µg/g	#3010-3
Total Organics	250	µg/g	

Ionic Contact – Anions	M809	Unit	Test Method
Cl	20	ng/cm ²	#3010-4
NO ₃	4	ng/cm ²	#3010-4
SO ₄ ²⁻	15	ng/cm ²	#3010-4
PO ₄ ³⁻	15	ng/cm ²	#3010-4

Ionic Content – Cations	M809	Unit	Test Method
Na ⁺	200	ng/cm ²	-

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