

MOISTURE BARRIER BAGS

Q3BU061XXXX

Heat sealable, electrostatic protective, moisture protective for ESD safe packaging



FILM CONSTRUCTION Q3BU061XXXX 90μ	FILM CONSTRUCTION Q3BU061XXXX 106μ	FILM CONSTRUCTION Q3BU061XXXX 152μ	STANDARD COMPLIANCE
Static dissipative coating	Static dissipative coating	Static dissipative coating	IEC 61340-5-2002/95/EC (ROHS directives) IPC/JEDEC J-STD-033 MIL-PRF-81705D EIA-583, EIA-541, EIA-625
Vacuum-metalized polyester layer	Polyester	Nylon	
Vacuum-metalized polyester layer	Aluminium foil	Aluminium foil	
Polyethylene layer	Nylon	Polyethylene layer	
Static dissipative coating	Polyethylene	Static dissipative coating	

	MATERIAL AND FEATURES Q3BU061XXXX 90μ	MATERIAL AND FEATURES Q3BU061XXXX 106μ	MATERIAL AND FEATURES Q3BU061XXXX 152μ
Thickness	90μm (3.6 mil. Inch) +/- 10%	106μ (4.0 mil. Inch) +/- 10%	152μ (6.0 mil. Inch) +/- 10%
Tensile strength	MD > 7000 psi / TD > 7000 psi (ASTM D-882-91, method A)	MD > 7000 psi / TD > 7000 psi (ASTM D-882-91, method A)	MD > 4000 psi / TD > 4300 psi (ASTM D-882-91, method A)
Tear strength	MD > 2.4 lbs / TD > 2.7 lbs (ASTM-D-1004-94)	MD ≥ 3.0 lbs / TD ≥ 4.0 lbs (ASTM-D-1004-94)	MD > 4 lbs / TD > 4.0 lbs (ASTM-D-1004-94)
Puncture strength	≥ 20 lbs (FTMS 101C, Method 2065.1)	≥ 25 lbs (FTMS 101C, Method 2065.1)	≥ 19 lbs (FTMS 101C, Method 2065.1)
MVTR	< 0.02 gram/100 in ² / 24H (ASTM-F1249)	≤ 0.0003 gram/100 in ² / 24H (ASTM-F1249)	< 0.0003 gram/100 in ² / 24H (ASTM-F1249)
Heat seal strength	≥ 14 lbs/inch width (ASTM D-882-91)	≥ 16 lbs/inch (ASTM D-882-91)	≥ 16 lbs/inch (ASTM D-882-91)
Heat sealable	250/375°F; 0.8 to 3.5 sec. 30 to 70 psi	250/375°F; 0.5 to 3.5 sec. 30 to 70 psi	250/375°F; 0.8 to 3.5 sec. 30 to 70 psi
Shelf life and Storage conditions		3 years (environment ≤ 30C/60%RH) 3 years (environment ≤ 40C/90%RH)	

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	ELECTRICAL PROPERTIES Q3BU061XXXX 90μ	ELECTRICAL PROPERTIES Q3BU061XXXX 106μ	ELECTRICAL PROPERTIES Q3BU061XXXX 152μ
Surface resistance	< 10e12 Ohm (both surface) IEC 61340-2-3	< 10e12 Ohm (both surface) IEC 61340-2-3	< 10e11 Ohm (both surface) IEC 61340-2-3
Static shielding	< 10nJ (ESD S11.31)	< 10nJ (ESD S11.31)	< 10nJ (ESD S11.31)
Static shielding	Capacitive probe < 10 V (EIA 541)	Capacitive probe < 10 V (EIA 541)	Capacitive probe < 20 V (EIA 541)
Durée de vie et conditions de stockage		3 years (environment ≤ 30C/60%RH) 2 years (environment ≤ 40C/90%RH)	

BAG SPECIFICATIONS

All bags dimensions are internal dimensions. The 1st dimension is the opening, the 2nd is the height.

Dimensions: From 20x30mm to 1000x1500mm

Seal sizes: ≤ 12mm

OPTIONS

Customized sizes & customized printing on request