



**Antistatic Single Layer Bubble Bag
1300 Series**

Feature	Benefit
Physical shock absorbing and cushioning	Protects product packed
Permanent antistatic	ESD protection
Transparent	Identified product been pack
Non corrosive	Will not affect metal part
High-bulk void filling	Prevent in-box movement during shipment

Physical Properties

Tensile strength	185	kg/cm ²	ASTM D 882
Tear strength	1200	grams	ASTM D 922
Burst strength (Bubble pressure)	169.59	kN / m ²	ASTM D 922
Water absorption (24 hrs)	0.01	%	ASTM D 570
Heat seal temperature	82 - 121	°C	-
Heat seal time	0.5 - 5	Sec	-
Heat seal pressure	137 - 413	kpa	-
Heat seal strength	2.26	kg/cm ²	-
Temperature range (maximum)	93	°C	-
Temperature range (minimum)	-15	°C	-

Electrical Properties

Static decay (From 5000V to 1% at 73°F 15% RH)	< 2	Sec	Method 4046*
Surface Resistance	10 ¹⁰	Ohm	ANSI ESD STM 11.11

05 November 2018 (AS01)



Dimension

Diameter	Height	Width	Length	Form
10mm	4mm	102cm	92 + 100m	Rolls
15mm	6mm	102cm	92 + 100m	Rolls
25mm	10mm	102m	50m	Rolls

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