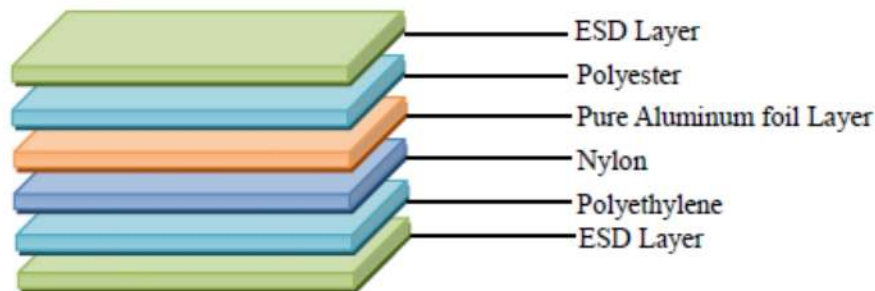


MB-27 ESD Moisture Barrier Bag

Material Structure: (Thickness: 0.14mm)



Electrical Property Parameters:

Testing Item	Testing Method	Unit	Range	Testing Result
Inner Surface Resistance	ANSI ESD-STM-11.11	Ohm	10^6-11	10^9-10
Outer Surface Resistance	ANSI ESD-STM-11.11	Ohm	10^6-11	10^9-10
Static Voltage Decay Time	IEC 61340-5-1 ($\pm 1000V \pm 100V$)	S	≤ 2	0.2
Static Shielding-Energy Penetration	ANSI/ESD STM 11.31-2012	nJ	<10	<5

Physical Property Parameters:

Testing Item		Testing Method	Unit	Referred Testing Result
Tensile Strength	TD	GB/T 1040.1-2006	Mpa	33.95-37.81
	MD			64.18-73.63
Puncture Strength	PE Layer up	MIL-STD-3010B-2013	N	79.35-87.70
	PE Layer down			75.51-79.01
Sealing Side Strength		GB/T 2358-98	N/15mm	55
MVTR(38°C, 90%RH)		ASTM F1249-13	g/(100in ² .24h)	<0.0003

- ◆ Bag sizes, material thickness and printing content can be customized.
- ◆ Best recommended using period is during 12 months after production date.
- ◆ Recommended using temperature is -7~90°C.
- ◆ Stock condition is to avoid direct sunlight and much humidity in the delivery packing condition.
- ◆ The items stated in standard MIL-PRF-81705 and meantime appearing in this data sheet are all conforming with the standard MIL-PRF-81705 TYPE III CLASS 2 requirement.