



Techno Stat →

Anti-Static packages: STAT series & Anti-Static measures Products

Anti-Static & Prevention of powder explosion film

STAT-FDM

<Features>

The casing which was specialized in for characteristic powder bodies.
A bag most suitable for medical and pharmaceutical intermediate raw materials.

Approved in notice of Ministry of Health and Welfare no.370

1. prevent an electrostatic obstacle and a powder explosion by materials.
(FDA § 177,1330, § 177,1520(a)(3)(i)(a)(1) § 178,2010)
2. Based on MIL-PRF-81705D, an ASTM-D257 standard as the prevention of electric obstacle
3. For 25kg bag: A characteristic of a tough material and a heat seal bag of stable consistency strength
4. The anti-static character keeps high performance even if it is low temperature, high temperature and high humidity
5. The anti-static character keeps high performance even though the film get wet, wipe and rub.

Example: A bag inside plastic, drum and carton boxes



<Properties>

Item	Direction	Unit	Measurements	Standard
Tensile Strength	MD	Mpa	44	JIS K-7127
	TD	Mpa	43	
Elongation	MD	%	585	
	TD	%	610	
Trouser Tear Strength	MD	N/mm	81	JIS K-7128-1
	TD	N/mm	124	
Puncture Strength		N/mm	2056	MDP Method
Surface Resistivity	Inside	Ω/\square	8.9×10^{11}	23°C × 12 ± 3%RH
	Outside	Ω/\square	5.5×10^{11}	
Static Decay Rate 5000V→50V	Inside	sec	0.2/0.2(+/-)	23°C × 12 ± 3%RH
	Outside	sec	0.1>/0.1(+/-)	

Numerical values are not guarantee values. These are substance values.

<Size> Thickness: 0.05mm - 0.1mm
Width: 150mm - 1000mm

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	 EMS 518606/ISO (JIS Q) 14001