ESD PVC Curtain

General Description

Conductive PVC Sheet can be utilized as a barrier wall or protective curtain material in the ESD sensitive environment. Made of antistatic PVC sheet, continuous honeycomb black carbon lines are printed on one side of PVC sheet. Conductive PVC sheets has good draping ability so that it can be used as protective cover or instruments where electro-static should be controlled.

Marerial : PVC (Self Extiguishing)

* Normal Grid Type:
- Carbon lines are printed on anti-static PVC sheet
- Surface resistivity : Inside 10^11~10^12Ω , Outside 10^4~10^6Ω
- Application : Clean Booth partitioning, Barrier wall, curtain or cover for ESD sensitive area, Factory fire, The measures of high Buliding fire
- Size : thickness - 0.3mm, / width - 1370mm,/ Length - 30m

** ESD Clear Homogenous Type
- Surface resistivity : Inside 10^9~10^11Ω , Outside 10^9~10^11Ω

Note: Other thickness & size is also available

	ESD PVC Grid Curtain		
	Surface	Back	Test Method
Surface Resisitivity	10E4 ~ 10E6Ω / Sq.m	10E11 ~ 10E12 Ω / Sq.m	ASTM D-257
Electrostatic Voltage	50 V	100 V	Electro Static Field Meter
Electro static Decay	0.5 sec	0.5 sec	MIL-B-81705C, 5000V→500V
Flame Retardant	P A S S		JIS A-1322
Tensile Strength	Length / MD	1.9 kg/mm2	ASTM D-882
	Width / TD	1.9 kg/mm2	
100% Modulus	Length / MD	1.1 kg/mm2	ASTM D-882
	Width / TD	1.8 kg/mm2	
Elongation	Length / MD	170 %	ASTM D-882
	Width / TD	210 %	
Heat Shrinkage	60° C x 30min in H2O	5 % ↓	Biltop Method
Core	Paper		
Core Diameter	3inch		

ITEM	ESD PVC Curtain (Clear Homogenous Type)		
	Front Side	Back	Test Method
Surface Resisitivity	10E9 ~ 10E11Ω / Sq.m	10E9~ 10E11Ω / Sq.m	ASTM D-257
Triboelectric Voltage	50 V ↓	50 V ↓	Electro Static Field Meter
Electro static Decay	0.5 sec ↓	0.5 sec ↓	MIL-B-81705C, 5000V→500V
Tensile Strength	Length / MD	1.9 kg/mm^2	ASTM D-882
	Width / TD	1.9 kg/mm^2	
100% Modulus	Length / MD	1.1 kg/mm^2	ASTM D-882
	Width / TD	1.8 kg/mm^2	
Elongation	Length / MD	170 %	ASTM D-882
	Width / TD	210 %	
Heat Shrinkage	60° C x 30min in H_2O	5 % ↓	Internal Method
Core	Paper core		
Core Diameter	3inch		