



Poly and Vinyl Packaging and Specialty Products
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CLEAR ESD GRID PRINT VINYL

ESD Grid Vinyl has a printed long lasting electro conductive carbon grid on its surface. The base material is a transparent vinyl that combines good visibility with excellent ESD properties.

Thickness: .012
Color: Clear
Hardness: 47 (phr)

PHYSICAL PROPERTIES

Property	Test Result		Test Method
Specific Gravity			ASTM-D-792
Tensile Strength	M.D.	≥ 2600	ASTM-D-882 (psi)
	C.D.	≥ 2800	
Elongation	M.D.	≥ 300	ASTM-D-882 (%)
	C.D.	≥ 300	
Tear Strength	M.D.	≥ 350	ASTM-D-1004 (lb/in)
	C.D.	≥ 350	
Shrinkage @ 95°C x 3min water	M.D.	≤ -6.0	ASTM-D-2732 (%)
	C.D.	≤ +1.5	
Inflammability	Pass		FMVSS302 Federal Motor Vehicle Safety Standard
Surface Resistivity *press for 2mm*10cm*10cm	Printed Side	≥ 3.2 x 10 ⁶	ASTM-D-257 (Ω) 500 Volts
	*Over Side	≥ 2.5 x 10 ¹¹	

Storage: Keep in cool dry place, away from heat and direct sunlight.

Information contained in this Product Data Sheet is presented as typical values, and is correct as reported by manufacturer of product represented. No warranty or guarantee of any kind is inferred or is to be implied from data derived from this Product Data Sheet regarding material performance in finished products.