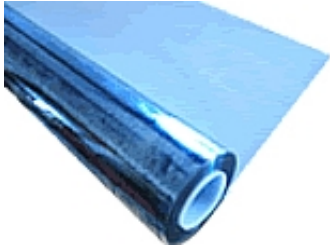


CERTIFICATE OF CONFORMANCE

CLEANTECH®
 HappyCom Corporation
 Made in Korea



Product Name: ESD Clear PVC Sheet
 Certificate Number: CCT-016
 Issued Number: 2004-3-23
 Issued For: Customers

Technical Data	Both Side		Test Method
Surface Resistance	$2 \times 10^9 - 10^{10} \Omega / \square$		ASTM D-257
Volume Resistance	$6 \times 10^9 \Omega \text{ cm}$		
Electrostatic Voltage	<50 V		Electro Static Field Meter
Electrostatic Decay	<0.5 sec		MIL-B-81705C, 5000V-500V
Flame Retardant	PASS		JIS A-1322
Tensile Strength	Length/MD	1.8kg/mm ²	ASTM D-882
	Width/TD	1.8kg/mm ²	
100% Modulus	Length/MD	1.1kg/mm ²	ASTM D-882
	Width/TD	1.8kg/mm ²	
Elongation	Length/MD	170%	ASTM D-882
	Width/TD	210%	
Heat Shrinkage	60°C x 30min in H ₂ O <5%		
Size	0.3mm(T) * 1,370mm(W) * 30m 0.5mm(T) * 1,200mm(W) * 30m 1,0mm(T) * 1,200mm(W) * 20m 2.0mm(T) * 1,000mm(W) * 10m		

Prepared By	Approved by
Sang Hee, Jun <i>Sang Hee Jun</i>	QA Manager <i>[Signature]</i>
March 20, 2004	March 23, 2004