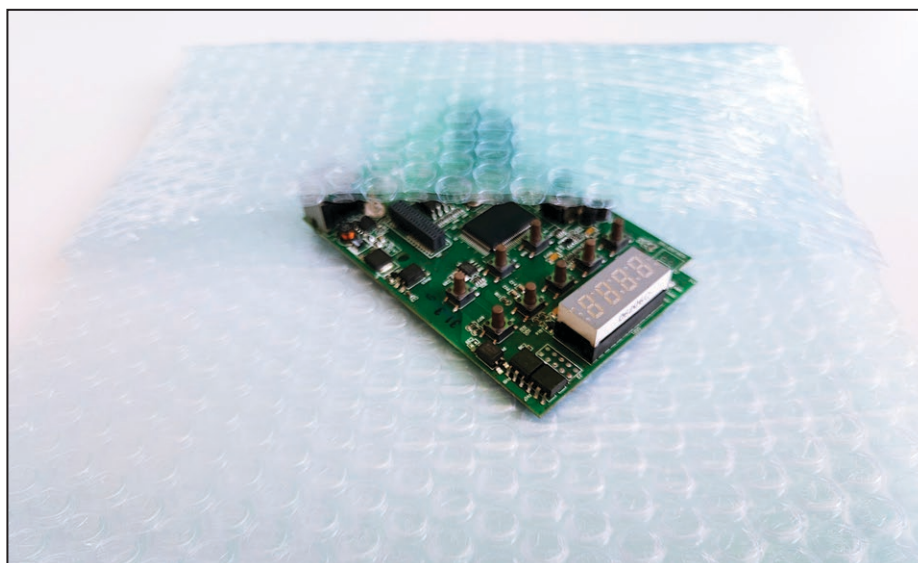




EcoSonic VpCI-125 HP Permanent ESD Bubble Film and Bags

PRODUCT DESCRIPTION

EcoSonic® VpCI®-125 HP Permanent ESD Bubble Film and Bags powered by Nano VpCI® combine vapor phase corrosion inhibitors with cushioning packaging bubble bags and permanent ESD protection to protect sensitive electronic equipment from corrosion, physical damage, and the creation of triboelectric charges. EcoSonic® VpCI-125 HP Permanent ESD Bubble Film and Bags, produced by the latest available technology, work by saturating the enclosed airspace with Vapor phase Corrosion Inhibitors that form a protective molecular layer on all packaged metals without leaving behind a noticeable film or residue. The bubbles serve as cushioning, dunnage, and void fill material.



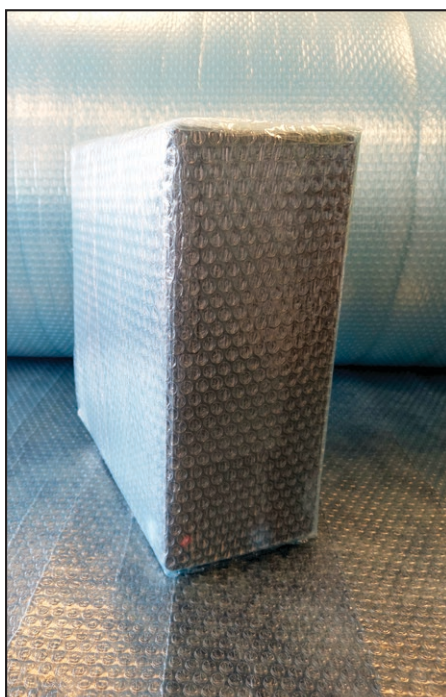
PACKAGING & STORAGE

Available in custom-size rolls, sheeting, or heat-sealed bags. Please contact Cortec Corporation for information and minimum quantity requirements. To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 4–38°C (40–100°F).

Shelf life: 2 years

FEATURES

- Easy to use
- Provide a unique combination of cushioning and corrosion protection
- Provide multimetal protection powered by Nano Vapor phase Corrosion Inhibitor technology (VpCI)
- Meets NACE TM0208-2018 "Vapor Corrosion Inhibiting Ability" standard for corrosion protection
- Meets German TL-8135-002 standard for corrosion protection
- VpCI vapor does not interfere with subsequent processing (i.e. painting, welding, cleaning, soldering, etc.)
- Have no adverse effects on plastic (lexane), optics, elastomers and other non-metallics
- EcoSonic® VpCI-125 HP Permanent ESD Bubble Film and Bags protect against triboelectric charge generation, making them excellent for the packaging of electronic components



EcoSonic® VpCI®-125 EcoSonic VpCI-125 HP Permanent ESD Bubble Film and Bags

METALS PROTECTED

- Carbon Steel
- Aluminum
- Copper
- Silver
- Brass
- Stainless Steel

For metals not specifically listed above, contact Cortec® Technical Service for information regarding their protection.

APPLICATION

EcoSonic® VpCI®-125 HP Permanent ESD Bubble Film and Bags are recommended for packing fragile or static-sensitive components where triboelectric charge generation and corrosion are concerns. They are recommended for shipping sensitive electronic parts and components for use as they dissipate static

charge, thus protecting sensitive electronic chips from static that can damage them. They are recommended for packaging integrated circuits, printed circuit boards, PCB components, telecommunications equipment, electronic and electrical panels, and enclosures.

TECHNICAL PROPERTIES

Antistatic Properties

Military Standards: MIL-PR8-81705 Test Method No101C, Method 4046					
International standard: IEC 61340-5-1*					
Surface Resistivity (Ohm/Sq)			Static Decay Rate (in seconds)		
Limit 1.0×10^5 to 1.0×10^{12}			Limit 2 seconds		
		+ 5000 Volts		- 5000 Volts	
Outside	Inside	Outside	Inside	Outside	Inside
$1,5 \times 10^{10}$	$1,5 \times 10^{10}$	0,01	0,01	0,01	0,01

*Typical values represent average laboratory values and are intended as guides only, not as specifications.



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