

Vermason		Product Information	No: PIS 091	
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Pink Antistatic Layflat Tube and Bags Code BQ3..

Description

These products are made of an antistatic polyethylene film that under normal working conditions doesn't generate triboelectric charges. The film is tough, amine free, does not affect polycarbonate housings and does not cause corrosion. The product is transparent and tinted pink. It is available in a range of bag sizes as well as roll widths. Typical film thickness is 75 micron.

Bags are hot foil printed in black or yellow, with a descriptive text and logo to comply with EN100015 Part 1.

The film is designed for use as packaging for **non-ESD sensitive** devices that are required in ESD protected areas e.g. passive components, screws. The antistatic properties are long lasting provided the film is stored in a cool dry place. Do not store outside and do not expose the film to heat or store in an overheated warehouse.

Typical physical properties

MD = Machine direction CD = Cross direction

Tensile strength	MD	30	kPa	ASTM D882-A
	CD	29	kPa	
Elongation at break	MD	1000	%	ASTM D882-A
	CD	1100	%	
Elmendorf tear strength	MD	8	N	ASTM D882-A
	CD	10	N	
Dart drop impact strength		300	gr	ASTM D1709-A
Water vapour transmission rate		<0.8	gr/m ² 24 hr at 50% rH & 20°C	
Weight		0,07	kg/m ²	
Roll and bag width tolerance (inside)		+15	mm	
		-2	mm	
Bag length tolerance (inside)		+30	mm	
		-2	mm	

Typical electrical properties

Surface resistivity	<10 ¹¹ ohm per square	DIN54382
Charge decay time	<2 sec	EIA541 appendix F

Availability and dimensions

Tubing is available in six standard widths of 3", 4", 6", 8", 10" and 12". Other widths up to 32" (813 mm) are made to order. Standard roll length is 500 m but we will also make to other lengths.

Bags are available in standard sizes 3" x 5", 4" x 6", 6" x 8", 6" x 10", 8" x 10", 8" x 12", 10" x 12", 12" x 16" but here too we are pleased to make other requirements. The first dimension is the width of the opening of the bag, the second is the length of the inside of the bag. The bottom skirt of the bag i.e. from weld to bottom of the bag is approximately 4 mm.

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