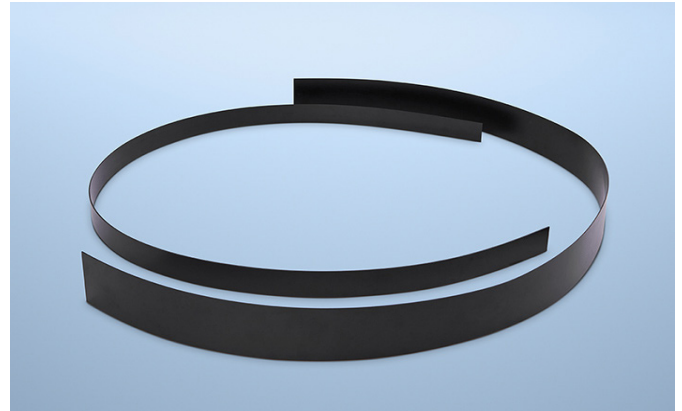


Advantek PROBAND™ is a protective band made of carbon-loaded polystyrene designed to be wound around the diameter of standard size shipping reels of loaded carrier tape. The band covers the outermost wrap of carrier tape to provide added protection for packaged components. The bands are slightly wider than the carrier tape, preventing the flanges from crushing together during dry-pack or handling to protect packaged components from impact damages.

- > Available in EIA standard carrier tape width from 8 to 88mm
- > Available in lengths to fit standard size shipping reels
- > Available in tight surface resistance (DBK version)
- > Complete protection for devices when used with Advantek LOKREEL® and LOKBAND®



Material Properties

Property	Typical Value	Test Method/Condition
Thickness	0.5mm or 1.0mm	N/A
Tensile Strength	3000PSI	ASTM D 882
Elongation	40%	ASTM D 882
Specific Gravity	1.06	ASTM D 792
Color	Black	N/A
Surface Resistivity	≥1.0E5, <1.0E12 Ohms/sq.	ASTM D 257
Surface Resistance	≥1.0E4, <1.0E11 Ohms/sq.	ANSI/ESD STM11.13
Surface Resistance for DBK version	≥1.0E4, <1.0E8 Ohms	ANSI/ESD STM11.13

Note: These values presented for this product are typical laboratory data and may be changed without notice. You should determine products suitability based upon your own internal test and criteria.

Construction

Advantek PROBAND™ is made of carbon-loaded polystyrene in thicker strips than carrier tape. Advantek PROBAND™ has thickness of 0.5mm or 1.0mm to withstand the pressure for keeping carrier tape safe.

Configurations

Advantek PROBAND™ is available in various lengths to navigate the circumference of standard diameter reels. The width of the PROBAND™ depends upon the width of the carrier tape used. The following table shows PROBAND™ part numbers with width and thickness for standard carrier width of between 8mm to 88mm. Custom width and thickness is available upon request.

Ordering Information

P/N	Length xxx (±0.03mm)	Width yy (+0.7/-0.0mm)	Thickness (±0.1mm)
PBxxxxyyUC	057=0.57m	08=8.3mm	1.0mm
PBxxxxyyST	060=0.60m	12=12.3mm	1.0mm
	063=0.63m	16=16.3mm	
PB050xxxxyy	109=1.09m	24=24.3mm	0.5mm
	117=1.17m	32=32.3mm	
PBxxxxyyUCDBK	120=1.20m	44=44.3mm	1.0mm
	140=1.40m	56=56.3mm	
PBxxxxyySTDBK	143=1.43m	72=72.3mm	1.0mm
	218=2.18m	88=88.3mm	
PB050xxxxyyDBK			0.5mm

Note: P/Ns with the suffix of 'ST' are only for Taiwan market.

Shelf Life and Storage

We recommend that Advantek PROBAND™ be used within 5 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21°C ± 17°C (70°F ± 30°F). Allow the product to stabilize at room temperature prior to use. The mechanical integrity of the product is not affected by humidity.