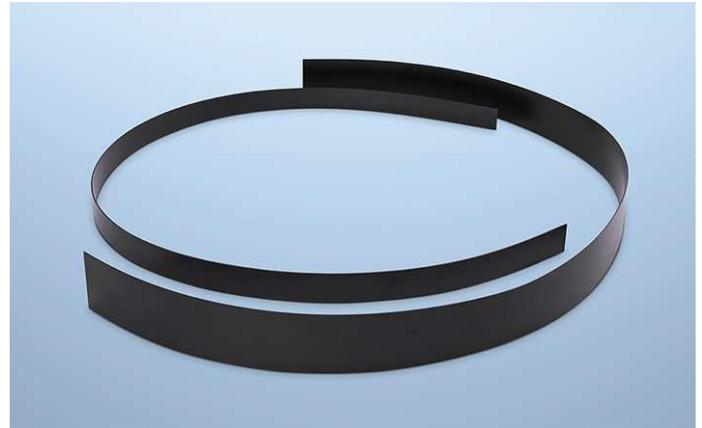




Advantek's PROBAND is designed to be the outermost wrap of a standard size component reel of loaded carrier tape. The bands are thicker and slightly wider than carrier tape, reducing the likelihood of reel flanges crushing the carrier tape, and devices, during vacuum packaging and handling.

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



Material Properties

Property	Typical Value	Test Method/Condition
Thickness	0.5 or 1.0 mm	N/A
Tensile Strength	3000 PSI	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	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.

Construction

PROBAND is made of carbon-loaded polystyrene in thicker strips than carrier tape; either 0.5 or 1.0mm - to withstand pressure under vacuum seal.

Configurations

PROBAND is available in various lengths to navigate the circumference of standard diameter reels. The width of the PROBAND depends upon the width of carrier tape used. The table provides item numbers with width and thickness for standard carrier tapes between 8 to 88mm.

Shelf Life and Storage

Product should be used within 5 years from the date of manufacture. Store in its original packaging in a climate-controlled environment where temperature ranges from 21° ± 17°C (70 ± 30°F). Allow the product to stabilize at room temperature prior to use.

Ordering Information

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

Note: Item ending with 'ST' suffix available in the Taiwan market.