



**BANDS**  
**PROBAND™**



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 8mm to 88mm
- Complete protection for devices when used with the Advantek LOKREEL® and LOKBAND®.
- Available in lengths to fit standard size shipping reels

**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.

PROBAND™ Material Properties		
Property	Typical Value	Test Method/Standard
Surface Resistivity	<10 <sup>12</sup> ≥10 <sup>5</sup> ohms/square	ASTM D-257
Tensile Strength	3700 PSI	ASTM D-882
Elongation	40%	ASTM D-882
Speecific Gravity	1.06 g/cc	ASTM D-792
Shelf Life	5 years	N/A
Color	Black	N/A

Note: The values presented for this product are typical laboratory data and may be changed without notice.

**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.

PROBAND™ Part Numbers			
Part Number	Width (+0.7/-0.0mm)	Length(+/-0.03m) XXX: 057=0.57m; 060=0.6m; 063=0.63m; 109=1.09m; 117=1.17m; 120=1.2m; 140=1.4m; 143=1.43m; 218=2.18m.	Thickness (+/-0.1mm)
PBXXX08ST	1.0		
PB050XXX08	0.5		
PBXXX12UC	12.3	XXX	1.0
PBXXX12ST			1.0
PB050XXX12			0.5
PBXXX16UC	16.3	XXX	1.0
PBXXX16ST			1.0
PB050XXX16			0.5
PBXXX24UC	24.3	XXX	1.0
PBXXX24ST			1.0
PB050XXX24			0.5
PBXXX32UC	32.3	XXX	1.0
PBXXX32ST			1.0
PB050XXX32			0.5
PBXXX44UC	44.3	XXX	1.0
PBXXX44ST			1.0
PB050XXX44			0.5
PBXXX56UC	56.3	XXX	1.0
PBXXX56ST			1.0
PB050XXX56			0.5
PBXXX72UC	72.3	XXX	1.0
PBXXX88UC	88.3	XXX	1.0

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



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



**ADVANTEK**  
engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated		Pressure Sensitive			
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®		STATLOK®			
Bands	PROBAND®		LOKBAND®			
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured		Non UV Cured			

Germany: +49-761-45546-0  
 North America: +1-510-623-1877  
 Philippines: +63-49-545-6350  
 Singapore: +65-6759-6800  
 China: +86-21-5048-4588  
 Taiwan: +886-2-2290-1789  
 Japan: +81-49-229-5100

advantek.com