



PROBAND™

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 lengths to fit standard size shipping reels.

- Available in EIA standard carrier tape width from 8mm to 88mm
- Complete protection for devices when used with the LOKREEL® and LOKBAND®.

SHELF LIFE AND STORAGE

We recommend that 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 (The values presented for this product are typical laboratory data and may be changed without notice.)

Property	Typical Value	Test Method / Standard
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square	ASTM D-257
Tensile Strength	3700 PSI	ASTM D-882
Elongation	40%	ASTM D-882
Specific Gravity	1.06 g/cc	ASTM D-792
Shelf Life	5 years	N/A
Colour	Black	N/A

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 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.

Part Number	Width (+0.7/-0.0)	Length (+/-0.03m) XXX=060=0.60m XXX=109=1.09m XXX=117=1.17m XXX=143=1.43m	Thickness (+/-0.1mm)
PBXXX08UC	8.3mm	XXX	1.0mm
PB050XXX08			0.5mm
PBXXX12UC	12.3mm	XXX	1.0mm
PB050XXX12			0.5mm
PBXXX16UC	16.3mm	XXX	1.0mm
PB050XXX16			0.5mm
PBXXX24UC	24.3mm	XXX	1.0mm
PB050XXX24			0.5mm
PBXXX32UC	32.3mm	XXX	1.0mm
PB050XXX32			0.5mm
PBXXX44UC	44.3mm	XXX	1.0mm
PB050XXX44			0.5mm
PBXXX56UC	53.6mm	XXX	1.0mm
PB050XXX56			0.5mm
PBXXX72UC	72.3mm	XXX	1.0mm
PBXXX88UC	88.3mm	XXX	1.0mm