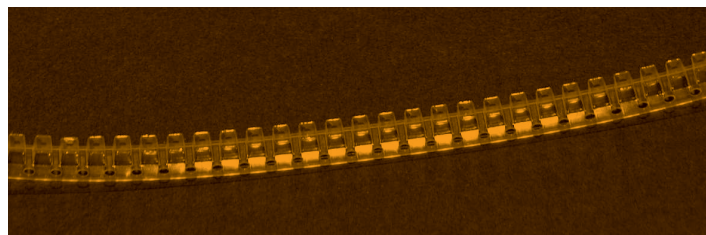




EMBOSSED CARRIER TAPES

# Type S Clear Insulative Polystyrene Carrier Tape



Advantek's Type S Clear Insulative Polystyrene carrier tape is designed for superior performance. Its insulative qualities make it ideal for packaging capacitors and other passive devices. The material's high transparency enables easy in-pocket part inspection, while its uniform surface texture provides a consistently flat sealing area. This specially modified polystyrene offers exceptional strength and stability over time and temperature variations while maintaining flexibility.

### Configurations

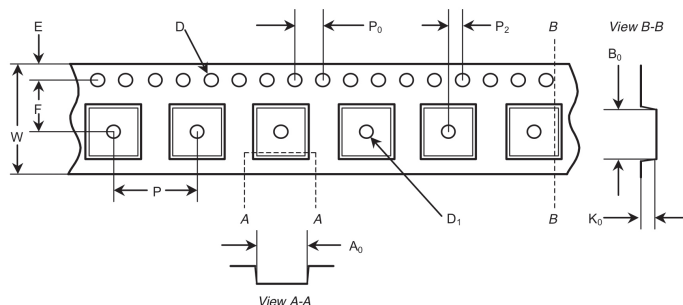
ADVANTEK Carrier Tape is provided splice-free in any of several reel configurations.

The number of meters of carrier tape that will fit on a given reel is conditional upon the pocket pitch, pocket depth, and reel configuration.

Carrier tape is manufactured in accordance with EIA standards in a range of widths from 8mm to 200mm, depending on the size and orientation of the device being packaged. In addition, carrier tapes are offered in a variety of reel configurations including single-wind and level-wind (cross-wind) format. Standard configuration is single-wind carrier tape on a 22" diameter corrugated paper reel.

Single-wind reel flange diameters available include 13.0", 22.0" (standard) and 30.0". Level-wind reel flange diameters include 14.25" and 22.0". Both corrugated paper and corrugated plastic reel flanges are offered. High impact plastic LOKREEL® packaging reels are available in the 13" diameter format. Standard hub options include inside diameters of 0.5", 1.12" and 3.0" and outside diameters of 4.0", 6.8" and 9.5".

### Standard Carrier Tape Dimensions



### Shelf Life and Storage

We recommend that Advantek Type S carrier tape be used within one year of 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). This product is not affected by humidity. Allow the product to stabilize at room temperature prior to use.

### Camber

The Advantek Insulative Polystyrene carrier tape meets the EIA-481 standard for camber that is not greater than 1mm in 250 linear millimeters. For 8mm to 24mm carrier tape in the level wind format, the camber will not be greater than 2mm in 250 linear millimeters.

Material Properties		
Property	Typical Value	Test Method/Standard
Specific Gravity	1.05 g/cc	JIS-K-6911
Tensile Strength	5400 psi, MD 4830 psi, TD	JIS-K-6714
Elongation	MD 40% TD 30%	JIS-K-6714
Tensile Modulus of Elasticity	256,000 psi, MD 242,000 psi, TD	JIS-K-6734
Hardness	85 HRC	ASTM D-785

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

Cover Tape Compatibility								
MATERIAL	ABx	HUB	HUC	HUD	HUE	AA	PUA	PS3
S (Polystyrene)	X	X	X	X	X	X	X	X



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**ADVANTEK**  
engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs			Basic Designs		Interleaf Tapes	
Surftape®	Bare Die			Micro Thin				
Cover Tapes	Heat Activated			Pressure Sensitive				
Packaging Reels	Jumbo™	Ultra™	Pro™	Lite™	Trimline™	Mini		
Barrier Bags	DRYLOK®			STATLOK®				
Bands	PROBAND®			LOKBAND®				
Humidity Indicator Cards	1 Spot		3 Spot		4 Spot		6 Spot	
Desiccant	1/6 Unit	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit	

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