



Type S Clear Insulative Polystyrene Carrier Tape

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

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".

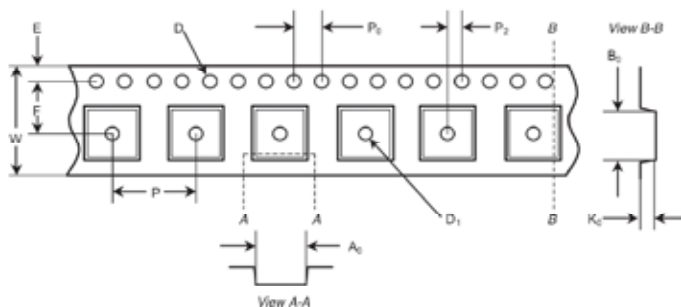
SHELF LIFE AND STORAGE

We recommend that 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 Insulative Polystyrene carrier tape meets the EIA-481-D 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.

STANDARD CARRIER TAPE DIMENSIONS



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Material Properties The values presented for this product are typical laboratory data and are subject to change without prior notice.

| 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 |

| Cover Tape Compatibility | | | | | | | |
|--------------------------|----|-----|-----|-----|-----|-----|------|
| Material | AA | AHP | ABX | ATA | PS3 | APC | AHPC |
| S (Polystyrene) | X | | X | X | | | |