



13" LOKREEL® Pro Eco Anti-static Packaging Reels



Advantek's LOKREEL® Pro Eco anti-static component packaging reels are ideal for shipment and storage of any component packaged in carrier tape. These reels are made from HIPS regrind material that offers a high level of quality at a reduced price.

- > Shipped in halves to decrease shipping costs by up to 70%
- > "Nest-stacked", high density packaging reduces needed storage space by as much as 60%
- > Halves configuration offers flexibility in managing the different reel widths needed during productions from 8mm to 56mm
- > Reels assemble with simple twisting motion - requiring no gluing or fasteners.
- > RoHS 1.0 compliance



Material Properties

Property	Typical Value	Test Method
Tensile Strength	3,500PSI	ASTM D 638
Elongation	20%	ASTM D 638
Izod Impact Strength	11.7KJ/m ²	ASTM D 256
Flexural Modulus	280,000PSI	ASTM D 790
Heat Distortion Temperature	70.6°C	ASTM D 648
Specific Gravity	1.06	ASTM D 892
Surface resistivity	≥1.0E5, <1.0E12 Ohms/square	ASTM D 257
Color	Black	

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

Construction

LOKREEL® Pro Eco halves are injection-molded using a specially regrind high impact polystyrene (HIPS). Re-use of this product may degrade the antistatic properties.

Configurations

Advantek LOKREEL® Pro Ecos have an outside diameter of 13" (330mm) and a 1/2" (13mm) diameter arbor hole. Reel halves are available in a variety of hub diameters and hub widths. Hub diameters include the standard 4" (102mm) hub suitable for most carrier tapes and the 7" (178mm) hub designed to protect devices contained in deep-pocket and narrow-pitch carrier tapes. Available hub widths include 4mm, 8mm, 16mm and 28mm. Any combination of these hub widths will combine to produce a reel for EIA standard carrier tape widths of 8, 12, 16, 24, 32, 44 and 56mm. The table right demonstrates LOKREEL® Pro half combinations and the reel widths they produce.

Shelf Life and Storage

We recommend that the Advantek Antistatic LOKREEL® Pro Ecos be used within 2 years 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). Allow the product to stabilize at room temperature prior to use. The mechanical integrity of the product is not affected by humidity.

Reel Combination

Reel Width (mm)	Flange combinations
8	4mm + 4mm
12	4mm + 8mm
16	8mm + 8mm
24	8mm + 16mm
32	16mm + 16mm
44	16mm + 28mm
56	28mm + 28mm

Ordering Information

Hub Width	4" Diameter Hub	7" Diameter Hub
4mm	RD33004RBK	RD33704RBK
8mm	RD33008RBK	RD33708RBK
16mm	RD33016RBK	RD33716RBK
28mm	RD33028RBK	RD33728RBK