



PACKAGING REELS

13" LOKREEL® Eco Anti-Static Component Packaging Reels



Advantek's LOKREEL® Eco component packaging reels are ideal for shipment and storage of any component packaged in carrier tape. These reels are made from a HIPS regrind material that offers the same exceptional protection as our virgin HIPS LOKREEL® products, resulting in a high level of quality at a reduced price.

Note: These reels are not able to adhere to environmental compliances (i.e. ROHS) due to the nature of the raw material (regrind).

- Shipped in halves to decrease shipping costs by up to 70%
- "Neat-stacked," high-density packing reduces needed storage space by as much as 60%
- Halves configuration offers flexibility in managing the different reel widths needed during production—from 8mm to 56mm
- Reels assemble with simple twisting motion, requiring no gluing or fasteners
(Note: this reel is not designed to be unsnapped)

Configuration

Advantek LOKREEL® Eco reels 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. Available 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. Hub widths include 4mm, 8mm, 16mm and 28mm. The table below demonstrates LOKREEL® Eco half combinations and the reel widths they produce.

Reel Width (mm)	LOKREEL® Eco Flange Combinations
8	4mm + 4mm
12	4mm + 8mm
16	8mm + 8mm
24	8mm + 16mm
32	16mm + 16mm
44	16mm + 28mm
56	28mm + 28mm

Shelf Life and Storage

We recommend that Advantek type LOKREEL® Ecos be used within two 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.

Part Numbers

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

Note: Effective January 31, 2010, all RDxxxxxRB (Blue) will be removed from the tech bulletin due to End-of-Life.

Antistatic LOKREEL® Eco Properties

Property	Typical Value	Test Method/Standard
Tensile Strength	3500 PSI	ASTM D 638
Elongation	40%	ASTM D 638
Flexural Modulus	280,000 PSI	ASTM D 790
Vicat Softening	100°C (212°F)	ASTM D 1525
Specific Gravity	1.04	ASTM D 892
Surface Resistivity (Anti-static)*	≤10 ¹¹ ohms/square	ASTM D 257 Static Dissipative per EIA 541
Color	Black (RBK)	N/A

Note: The values presented for this product are typical laboratory data and may be changed without notice.
* Excessive handling may reduce the static dissipative properties.



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



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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

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