



PACKAGING REELS

13" LOKREEL® Lite Component Packaging Reels



Advantek's patented LOKREEL® Lite plastic injection-molded packaging reels are an exceptional choice where price is a key concern. LOKREEL® Lite reels are designed to achieve a combination of structural integrity, lower weight and lower cost than the premium reels. The LOKREEL® Lite is built with the same durable hub structure as the premium LOKREEL® Pro and the high-impact molded polystyrene offers exceptional protections to devices. The flanges have larger windows to reduce the amount of plastic used and yet still support up to three labels as large as 4" x 5.5" (102mm x 140mm) each.

- Shipped in halves to decrease shipping costs by up to 70%
- "Nest-stacked," high-density packing reduces needed storage space by as much as 60% when compared with the one-piece molded assembled reel
- 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

Configuration

Advantek LOKREEL® Lite reels have an outer diameter of 13" (330mm) and a 1/2" (13mm) diameter arbor hole. The hub diameters are 4" (102mm) and 7" (178mm) suitable for most carrier tapes. Reel halves are available in a variety of hub widths from 4mm, 8mm, 16mm and 28mm, and combining of any two widths would produce a reel for EIA standard carrier tape with width of 8mm, 12mm, 16mm, 24mm, 32mm, 44mm or 56mm. The table below demonstrates LOKREEL® Lite half combinations and the reel widths they produce.

Reel Width (mm)	LOKREEL® Lite 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 Advantek RD series Antistatic LOKREEL® products be used within two 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.

Part Numbers

Hub Width	4" Diameter Hub	Qty/box	7" Diameter Hub	Qty/box
4mm	RD33404SW	50	RD33704LW	50
8mm	RD33408SW	50	RD33708LW	50
16mm	RD33416SW	50	RD33716LW	50
28mm	RD33428SW	40	RD33728LW	50

Antistatic LOKREEL® Lite 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-statio)*	≤10 ¹¹ ohms/square	ASTM D 257 Static Dissipative per EIA 541
Color	White	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.



ADVANTEK®
engineered confidence™

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			

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