



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. The flanges have larger view windows to reduce the amount of plastic used and yet still support up to three labels as large as 3" x 4" (75mm x 100mm) 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-static)*	≤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			

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

advantek.com