



**PACKAGING REELS**

**13" LOKREEL® Pro Component Packaging Reels**



Advantek's patented LOKREEL® Pro component packaging reels are ideal for shipment and storage of any component packaged in carrier tape. The LOKREEL® Pro high-impact injection molded polystyrene construction offers exceptional protection to devices. LOKREEL® Pros are sold and shipped disassembled in halves to minimize shipping cost and provide compact storage.

- 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
- Assembles with simple twisting motion—no gluing or fasteners

**Construction**

LOKREEL® Pro halves are injection-molded using a specially formulated high impact polystyrene (HIPS). Antistatic agent is applied to RD series LOKREEL® Pros by emersion in solution. Re-use of this product may degrade the antistatic properties.

**Configurations**

Advantek LOKREEL® Pros 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 below demonstrates LOKREEL® Pro half combinations and the reel widths they produce.

Reel Width (mm)	LOKREEL® Pro 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 RD Antistatic LOKREEL® Pros be used within 2 years of the date of manufacture. Type RC Conductive LOKREEL® Pros have an indefinite shelf life. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21° C +/- 17°C (70° +/- 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				
	Pro White Anti-Static		Pro Black Conductive	
Hub Width	4" Diameter Hub	7" Diameter Hub	4" Diameter Hub	7" Diameter Hub
4mm	RD33004SW	RD33704SW	RC33004SW-A	—
8mm	RD33008SW	RD33708SW	RC33008SW-A	RC33708SW
16mm	RD33016SW	RD33716SW	RC33016SW-A	RC33716SW
28mm	RD33028SW	RD33728SW	RC33028SW-A	RC33728SW
	Pro Blue Anti-Static		Pro Black DBK	
Hub Width	4" Diameter Hub	7" Diameter Hub	4" Diameter Hub	7" Diameter Hub
4mm	RD33004SW-BL	RD33704SW-BL	RD33004DBK	RD33704DBK
8mm	RD33008SW-BL	RD33708SW-BL	RD33008DBK	RD33708DBK
16mm	RD33016SW-BL	RD33716SW-BL	RD33016DBK	RD33716DBK
28mm	RD33028SW-BL	RD33728SW-BL	RD33028DBK	RD33728DBK

Material Properties of Antistatic LOKREEL® Pro		
Property	Typical Value	Test Method/Standard
Tensile Strength	3500 PSI	ASTM D 638
Elongation	40%	ASTM D 638
Flexural Modulus	270,000 PSI	ASTM D 790
Vicat Softening	100°C (212°F)	ASTM D 1525
Specific Gravity	1.04	ASTM D 892
Surface Resistivity (ohms/square)	Pro White and Pro Blue: <10 <sup>12</sup> ; Pro Black Conductive: <10 <sup>5</sup> ; Pro Black DBK: ≥10 <sup>5</sup> , <10 <sup>10</sup> ;	ASTM D 257 Static Dissipative per EIA 541

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



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			
Surftape®	Bare Die	Micro Thin					
Cover Tapes	Heat Activated	Pressure Sensitive					
Packaging Reels	Jumbo™	Ultra™	Pro™	Lite™	Trimline™	Mini	
Barrier Bags	DRYLOK®	STATLOK®					
Bands	PROBAND®	LOKBAND®					
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot			
Desiccant	1/6 Unit	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit

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