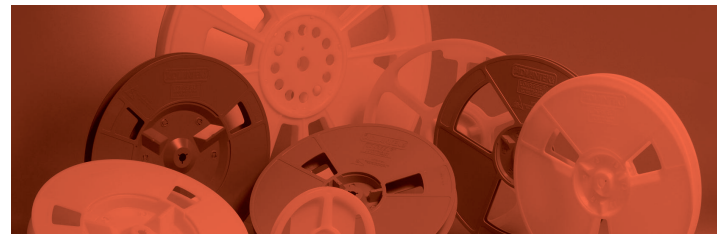




PACKAGING REELS

15" LOKREEL® Ultra Component Packaging Reels



Ideal for taking up more component devices in a single reel, the Advantek 15" LOKREEL® Ultra is injection-molded using specially formulated high impact polystyrene (HIPS) material and finished with an application of an anti-static agent for ESD protection. An assembled reel is comprised of two inter-locking flanges suitable for winding and transporting carrier tapes packaged with components. Each LOKREEL® Ultra flange is built with the same durable structure as our premium 13" LOKREEL® PRO.

- Shipped in halves to reduce shipping costs up to 70%
- "Nest-stacked," high-density packing decreases needed storage space by as much as 60% when compared with the single-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

(Note: this reel is not designed to be unsnapped)

Configuration

Advantek LOKREEL® Ultra reels have an outer diameter of 15" (381mm) and a 1/2" (13mm) diameter arbor hole. The hub diameter is 6" (152mm), suitable for most carrier tapes. Reel halves are available in a variety of hub diameters and hub widths. Hub widths include 4mm, 8mm, 16mm and 28mm, which combine to produce reels for EIA standard carrier tape width of 8mm, 12mm, 16mm, 24mm, 32mm, 44mm and 56mm. The table below demonstrates LOKREEL® Ultra half combination and the reel widths they produce.

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

Shelf Life and Storage

We recommend that Advantek LOKREEL® Ultra reels 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	White Anti-Static	Black Anti-Static	Qt'y/box
4mm	RD38604SW	RD38604RBK	50
8mm	RD38608SW	RD38608RBK	50
16mm	RD38616SW	RD38616RBK	30
28mm	RD38628SW	RD38628RBK	30

Material Properties of Virgin White Lokreel

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	98°C (210°F)	ASTM D 1525
Specific Gravity	1.04 g/cc	ASTM D 892
Surface Resistivity (Anti-static)*	<10 ¹² 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.

Material Properties of Regrind Black Lokreel

Property	Typical Value	Test Method/Standard
Tensile Strength	3000 PSI	ASTM D 638
Elongation	50%	ASTM D 638
Flexural Modulus	270,000 PSI	ASTM D 790
Vicat Softening	98°C (210°F)	ASTM D 1525
Specific Gravity	1.04 g/cc	ASTM D 892
Surface Resistivity (Anti-static)*	<10 ¹² ohms/square	ASTM D 257 Static Dissipative per EIA 541
Color	Black	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			
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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