



13" LOKREEL® Pro Anti-static Packaging Reels



Advantek's LOKREEL® Pro anti-static 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%
- > "Nest-stacked", high density packaging reduces needed storage space by as much as 60%
- > Halves configuration offers flexibility in managing the different reel widths needed during productions from 8mm to 56mm
- > Assembles with simple twisting motion, no gluing or fasteners



Material Properties

Property	Typical Value	Test Method
Tensile Strength	3,500PSI	ASTM D 638
Elongation	40%	ASTM D 638
Izod Impact Strength	21KJ/m ²	ASTM D 256
Flexural Modulus	270,000PSI	ASTM D 790
Heat Distortion Temperature	80°C	ASTM D 648
Specific Gravity	1.04	ASTM D 792
Surface resistivity	≥1.0E5, <1.0E12 Ohms/square	ASTM D 257
Color	White, Blue	

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

Construction

LOKREEL® Pro halves are injection-molded using a specially formulated high impact polystyrene (HIPS). 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 right demonstrates LOKREEL® Pro half combinations and the reel widths they produce.

Shelf Life and Storage

We recommend that the Advantek Antistatic LOKREEL® Pros be used within 2 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.

Reel Combination

Reel Width	Flange combinations
8mm	4mm + 4mm
12mm	4mm + 8mm
16mm	8mm + 8mm
24mm	8mm + 16mm
32mm	16mm + 16mm
44mm	16mm + 28mm
56mm	28mm + 28mm

Ordering Information

Hub Width	4" Diameter Hub	7" Diameter Hub
4mm	RD33004SW	RD33704SW
8mm	RD33008SW	RD33708SW
16mm	RD33016SW	RD33716SW
28mm	RD33028SW	RD33728SW
4mm (blue)	RD33004SW-BL	RD33704SW-BL
8mm (blue)	RD33008SW-BL	RD33708SW-BL
16mm (blue)	RD33016SW-BL	RD33716SW-BL
28mm (blue)	RD33028SW-BL	RD33728SW-BL