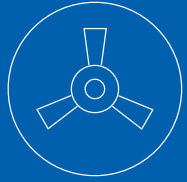




13" LOKREEL® Pro Conductive Component Packaging Reels



Advantek's LOKREEL® Pro Conductive component packaging reels are ideal for shipment and storage of ESD sensitive component packaged in carrier tape. Its inherent carbon-loaded construction offers ESD exceptional protection to devices. LOKREEL® Pro Conductive are sold and shipped disassembled in halves to minimize shipping cost and provide compact storage

- > Conductive to discharge static electricity
- > 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	4,200 PSI	ASTM D 638
Elongation	15%	ASTM D 638
Izod Impact Strength	13KJ/m ²	ASTM D 256
Flexural Modulus	330,000 PSI	ASTM D 790
Heat Distortion Temperature	72.1°C	ASTM D 648
Specific Gravity	1.11	ASTM D 792
Surface resistivity	<1.0E5 Ohms/square	ASTM D 257
Surface Resistance	<1.0E4 Ohms	ANSI/ESD STM11.13
Color	Black	N/A

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

Construction

LOKREEL® Pro Conductive halves are injection-molded using a specially carbon-loaded formulated high impact polystyrene (HIPS). inherent conductive carbon is applied to the LOKREEL® Pro Conductives.

Configurations

Advantek LOKREEL® Pro Conductives 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 Conductive half combinations and the reel widths they produce.

Shelf Life and Storage

We recommend that the Advantek LOKREEL® Pro Conductives 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	RC33004SW	RC33704SW
8mm	RC33008SW	RC33708SW
16mm	RC33016SW	RC33716SW
28mm	RC33028SW	RC33728SW
4mm	RC33004SW-A	
8mm	RC33008SW-A	
16mm	RC33016SW-A	
28mm	RC33028SW-A	

Note: P/Ns with suffix of SW-A has matt surface.