



Advantek's LOKREEL Pro static dissipative packaging reels are ideal for shipment and storage of any component packaged in carrier tape. 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 production; from 8mm to 56mm
- > Assembles with simple twisting motion, no gluing or fasteners
- > Generous space provided for labeling



### Material Properties

Property	Typical Value	Test Method
Tensile Strength	3,500PSI	ASTM D 638
Elongation	40%	ASTM D 638
Izod Impact Strength	21KJ/m <sup>2</sup>	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, Black	

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

### Construction

LOKREEL Pro flanges are injection-molded using a specially formulated high impact polystyrene (HIPS). Re-use of this product may degrade static dissipative properties.

### Configurations

LOKREEL Pro flanges have an outer diameter of 13" (330mm) and an arbor hole diameter of 1/2" (13mm). 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 4, 8, 16 and 28mm. Combinations of these produce reels for EIA standard carrier tape widths of 8, 12, 16, 24, 32, 44 and 56mm. The table on the right demonstrates the reel width produced from combinations.

### Shelf Life and Storage

We recommend product be used within 2 years of the date of manufacture. Store in its original packaging in a climate-controlled environment where temperature ranges from 21 ± 17°C (70 ± 30°F). Allow to stabilize at room temperature prior to use.

### Reel Combinations

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

### Ordering Information

Color	Hub Width (mm)	4" Diameter Hub	7" Diameter Hub
White	4	RD33004SW	RD33704SW
	8	RD33008SW	RD33708SW
	16	RD33016SW	RD33716SW
	28	RD33028SW	RD33728SW
Blue	4	RD33004SW-BL	RD33704SW-BL
	8	RD33008SW-BL	RD33708SW-BL
	16	RD33016SW-BL	RD33716SW-BL
	28	RD33028SW-BL	RD33728SW-BL
Black	4	RD33004BK	RD33704BK
	8	RD33008BK	RD33708BK
	16	RD33016BK	RD33716BK
	28	RD33028BK	RD33728BK