



13" HIPS Regrind LOKREEL® Packaging Reels

LOKREEL® component packaging reels are ideal for shipment and storage of any component packaged in carrier tape. For this product, we utilize a blend of virgin and regrind high impact polystyrene (HIPS) material that offers high quality and exceptional protection at a reduced price.

- 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)

Reel Width (mm)	LOKREEL® Pro Flange Combinations
8	4 + 4mm
12	4 + 8mm
16	8 + 8mm
24	8 + 16mm
32	16 + 16mm
44	16 + 28mm
56	28 + 28mm

CONFIGURATIONS

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

SHELF LIFE AND STORAGE

We recommend that HIPS Regrind LOKREEL® 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	4" Diameter Hub	7" Diameter Hub
4mm	RD33004RB	N/A
8mm	RD33008RB	RD33708RB
16mm	RD33016RB	RD33716RB
28mm	RD33028RB	RD33728RB

Antistatic LOKREEL® Properties

Note: The values presented for this product are typical laboratory data and may be changed without notice. Re-use of this product may degrade the antistatic properties.

Property	Typical Value	Test Method / Standard
Tensile Strength	3900 PSI	ASTM D-638
Elongation	45%	ASTM D-638
Flexural Modulus	280,000 PSI	ASTM D-790
Vicat Softening	85°C (185°F)	ASTM D-1525
Specific Gravity	1.04 g/cc	ASTM D-892
Surface Resistivity	≤10 ¹¹ ohms/square	ASTM D 257 Static Dissipative per EIA 541
Colour	Blue	N/A