



Advantek's LOKREEL Hub Extenders provide additional reel width options, and a flat hub surface, for the Pro, Lite and Ultra series reels. High-impact injection molded polystyrene construction offers exceptional strength.

- > Static dissipative to provide ESD protection to components
- > Hub diameter options of 4, 6 and 7"
- > Extender width options of 28, 40, 72 and 104mm - enables reel widths of 36, 44, 56, 72, 88, 104, 120 and 136mm
- > Assembly approach can decrease shipping costs and needed storage space by as much as 60%
- > Assembles with simple twisting motion, no gluing or fasteners



Material Properties

Property	Typical Value	Test Method
Tensile Strength	3,500 PSI	ASTM D 638
Elongation	40%	ASTM D 638
Izod Impact Strength	13 KJ/m ²	ASTM D 256
Flexural Modulus	270,000 PSI	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
Surface Resistance	≥1.0E4, <1.0E11 Ohms	ANSI/ESD STM 11.13
Color	White	n/a

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

Construction

Injection-molded using a specially formulated high-impact polystyrene (HIPS). A static dissipative agent is applied by solution immersion. Re-use of this product may degrade antistatic properties.

Configurations

For LOKREEL Pro and Lite, Hub Extenders are available in 4 and 7" hub diameters. For LOKREEL Ultra, a 6" hub is available. Hub Extenders have a 1/2" (13mm) diameter arbor hole. Available hub widths include 28, 40, 72 and 104mm. Combinations of these produce reels for EIA standard carrier tape widths of 36, 44, 56, 72, 88, 104, 120 and 136mm. The table to the right demonstrates the reel width produced from combinations.

Shelf Life and Storage

Product should be used within 2 years of the date of manufacture. Store in its original packaging in a climate-controlled environment of 21 ± 17°C (70 ± 30°F). Stabilize at room temperature prior to use. Mechanical integrity is not affected by humidity.

Reel Combinations

Completed Reel Width (mm)	Extender Width (mm)	Flange 1 Width (mm)	Flange 2 Width (mm)
36	28	4	4
44	28	8	8
56	40	8	8
72	40	16	16
88	72	8	8
104	72	16	16
120	104	8	8
136	104	16	16

Ordering Information

Reel	Pro or Lite (13" reel)		Ultra (15" reel)
	4" Hub	7" Hub	6" Hub
28mm	XHA00428SW	XHA00728SW	XHA00628SW
40mm	XHA00440SW	XHA00740SW	XHA00640SW
72mm	XHA00472SW	XHA00772SW	XHA00672SW
104mm	XHA004104SW	XHA007104SW	XHA006104SW