

HSK

Heat Shrink Kit



Applications

The airport lighting Heat Shrink Kit features a mechanically tough polyolefin heat-shrinkable sleeve. The sleeve is designed so that one diameter will fit all common L-823 connector/cable combinations including cables as small as 0.360 inch diameter. The 1-piece HSK sleeve is factory coated with a waterproof sealant at the ends only, leaving the L-823 connector clean and re-entable. The main purpose is to seal the L-823 connector/cable joint, not to seal the plug/receptacle mating. The 2-piece HSK has sealant the full length.

The crosslinked polyolefin sleeve provides excellent moisture, oil and fuel protection for L-823 connectors used in L-868 and L-867 bases, or direct buried. The sleeves are tough and withstand direct burial abuse.

Upon the application of heat in excess of 275°F (135°C) the sleeve quickly shrinks to a tight fit, conforming to the irregular shape of the L-823 connector/cable transition. The shrinking action causes the sealant to melt and flow, forcing it into contact with the underlying surfaces. Upon cooling, the sealant forms a positive barrier with high adhesive strength. The process is complete when the sealant is squeezed from the ends of the sleeve and the heat-sensitive paint on the outside of the sleeve changes color from blue to gray.

Ordering Information

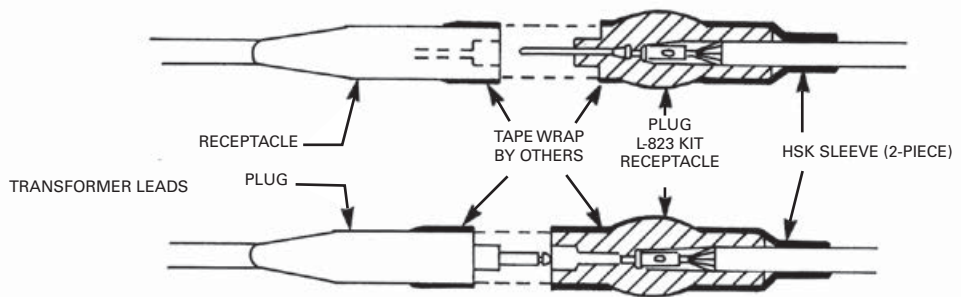
Description	Catalog Number
HSK (2-piece)	10047-1425
HSK (1-piece)	10047-2154

* Both pieces contain the same total length of tubing: 16 inches (406 mm)

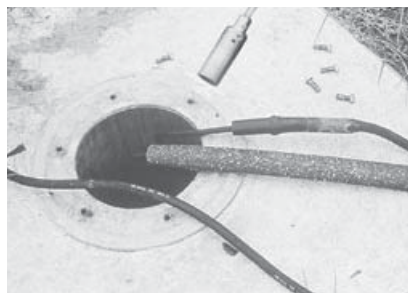
Note: Use the 2-piece HSK for connections at the isolation transformer as illustrated below. For cable-to-cable splices, use the 1-piece HSK to enclose the entire connection.

Shipping Weight:	0.5 lbs. 0.23 kg.
Shipping Volume:	0.05 cu. ft. 0.0014 cu.m.

Technical Data



- Slide the sleeve over cable before making electrical connection. Mate connector sections and wipe dirt from connector and cable. Clean cable with solvent wipe.



- Pre-heat cable jacket. Begin shrinking at center, working toward both ends. Use a back-and-forth, sweeping motion of the torch.



- Shrinking is complete when melted sealant is squeezed from both ends of the sleeve and all heat-sensitive paint has changed from blue to gray.