

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-enterable. 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.



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

Ordering Information

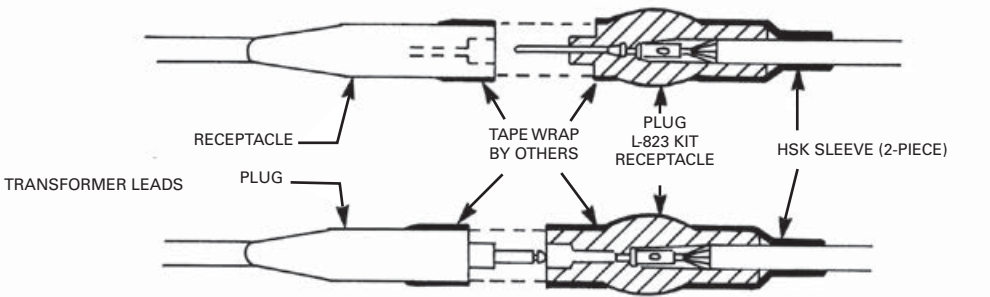
| Description   | Catalog Number |
|---------------|----------------|
| HSK (2-piece) | 10047-1425     |
| HSK (1-piece) | 10047-2154     |

\* 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.<br>0.23 kg.         |
| Shipping Volume: | 0.05 cu. ft.<br>0.0014 cu.m. |

Technical Data



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



3. 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.