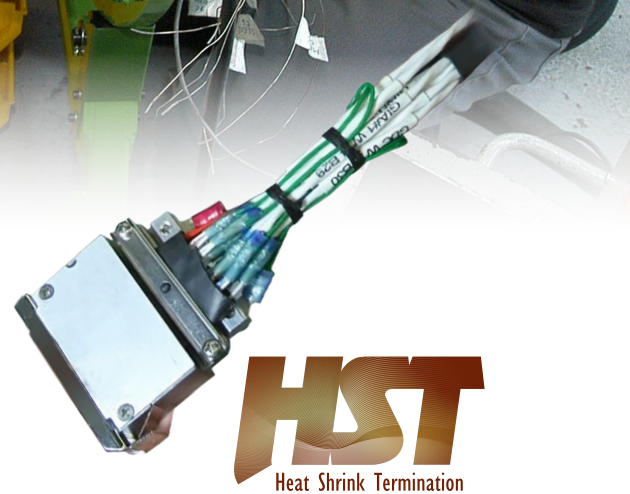




Glenair®

AS83519/1 AND /2 TYPE

Heat Shrink Termination (HST) Sleeves



For EMI shield-to-ground termination

Reliable termination of EMI/RFI shielding (to ground) in wire harness applications is universally accomplished with AS83519/1 and /2 type heat shrink termination (HST) sleeves. These devices, supplied in five different sizes—with or without pre-installed ground lead wires—provide environmental encapsulation and insulation of the shield termination site. Transparent heat shrink tubing allows for easy inspection and supplies additional strength and strain-relief. The preflux solder preform delivers a fast and controlled solder joint each and every time. Designed to meet SAE AS83519 performance requirements, Glenair Heat Shrink Termination (HST) shield to ground termination sleeves are fabricated from special transparent cross-linked polyvinylidene fluoride tubing to deliver optimal environmental shield termination in aerospace and defense industry applications. Each HST device is equipped with a pre-fluxed solder preform and thermally stabilized thermoplastic sealing rings that encapsulate and protect the shield-to-ground termination. Glenair HST devices are tested to perform from -55°C to 125°C IAW SAE AS83519. Best of all, these HST devices are made in the USA and stocked for immediate same-day shipment.

- Designed to meet SAE AS83519 performance requirements
- Fabricated from transparent cross-linked polyvinylidene fluoride tubing for optimal environmental shield termination
- Pre-fluxed solder preform and thermally stabilized thermoplastic sealing rings to encapsulate and protect the shield-to-ground termination
- -55°C to 125°C temperature range IAW SAE AS83519

AS83519/1 AND /2 TYPE • M81824/1-1 QUALIFIED Heat Shrink Termination Sleeves and Splices



HEAT SHRINK TERMINATION SLEEVES PRODUCT SELECTION GUIDE

077-010
AS83519/1 Type HST Sleeve
No Lead Wire



077-020
AS83519/2 Type HST Sleeve
Pre-Installed Lead Wire



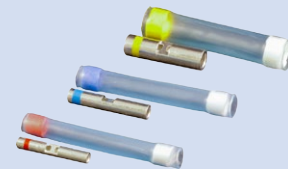
GS83519/1
AS83519/1 Type HST Sleeve
No Lead Wire



GS83519/2
AS83519/2 Type HST Sleeve
Pre-Installed Lead Wire



M81824/1-1
Mil-Qualified Splice
In-Line, Insulated, Environmental



AUTOMATED HST CELL ENSURES RELIABLE, REPEATABLE FABRICATION QUALITY

Glenair Heat Shrink Termination (HST) devices are supplied with pre-tinned leads including industry-standard nickel-copper per A-A-59569, Tin Copper Braid per A-A-59569, and ultra lightweight ArmorLite™ plated stainless steel microfilament.

MATERIAL/FINISH:

- Insulation sleeve - Heat-shrinkable, radiation crosslinked, modified polyvinylidene fluoride per MIL-I-23053/8. Color - Translucent blue.
- Sealing ring - Thermally stabilized thermoplastic. Color - blue.
- Solder - Sn63 per ANSI-J-STD-006.
- Flux - ROM1 per ANSI-J-STD-004 (to be used on nickel plated shields only).
- Optional thermal indicator - changes from color to colorless.