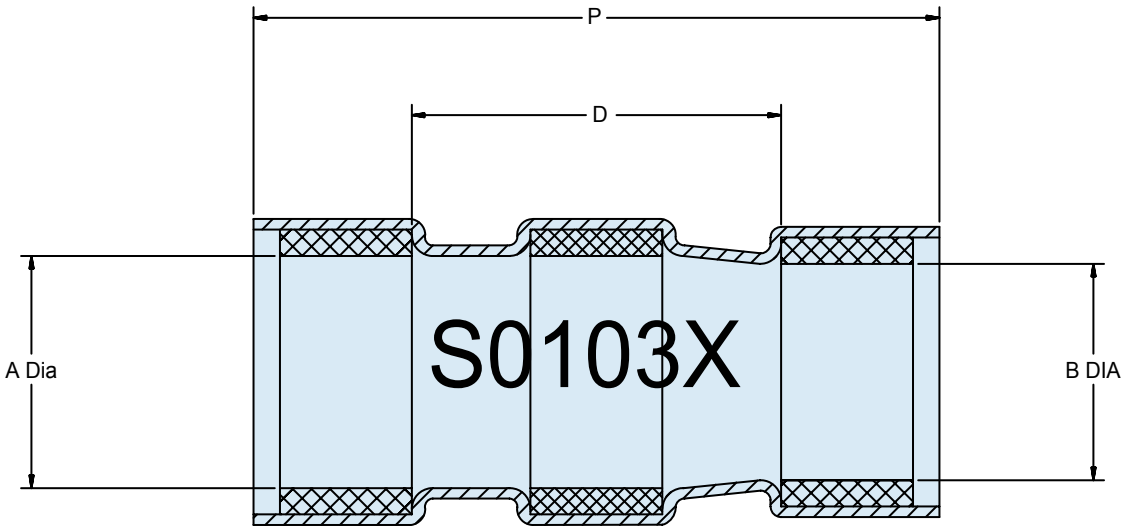


**GS83519/1**  
**AS83519/1 Type Heat Shrink Termination (HST) Sleeves**  
**No Lead Wire**



Basic No.	Size (Table I)
<b>GS83519/1</b>	<b>03</b>



Dimensions in Inches (millimeters) are subject to change without notice.

**GS83519/1**  
**AS83519/1 Type Heat Shrink Termination (HST) Sleeves**  
**No Lead Wire**



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 encapsulated and protect the shield-to-ground termination. Glenair HST devices are tested to perform from -55°C to 125°C IAW SAE AS83519.

**TABLE I: Dimensions, Marking Code and Military Reference Number**

Size	A Dia Min	B Dia Min	P ± .07 (1.8)	D Min	Military Ref No Lead Wire	Marking Code (See Note 1)
01	.105 (2.67)	.075 (1.91)	.65 (16.5)	.325 (8.26)	M83519/1-1	S0101X
02	.145 (3.68)	.105 (2.67)	.65 (16.5)	.325 (8.26)	M83519/1-2	S0102X
03	.200 (5.08)	.170 (4.32)	.65 (16.5)	.325 (8.26)	M83519/1-3	S0103X
04	.255 (6.48)	.235 (5.97)	.75 (19.0)	.325 (8.26)	M83519/1-4	S0104X
05	.300 (7.62)	.275 (7.0)	.75 (19.0)	.325 (8.26)	M83519/1-5	S0105X

**Material/Finish:**

- Insulation sleeve - Heat-shrinkable, radiation crosslinked, modified polyvinylidene fluoride per MIL-I-23053/8. Color - Transparent blue.
- Meltable sealing ring - Thermally stabilized thermoplastic, color blue.
- Solder preform - Alloy Sn63 per QQ-S-571 with thermochromic indicator using ROL1 type RMA flux.

Dimensions in Inches (millimeters) are subject to change without notice.