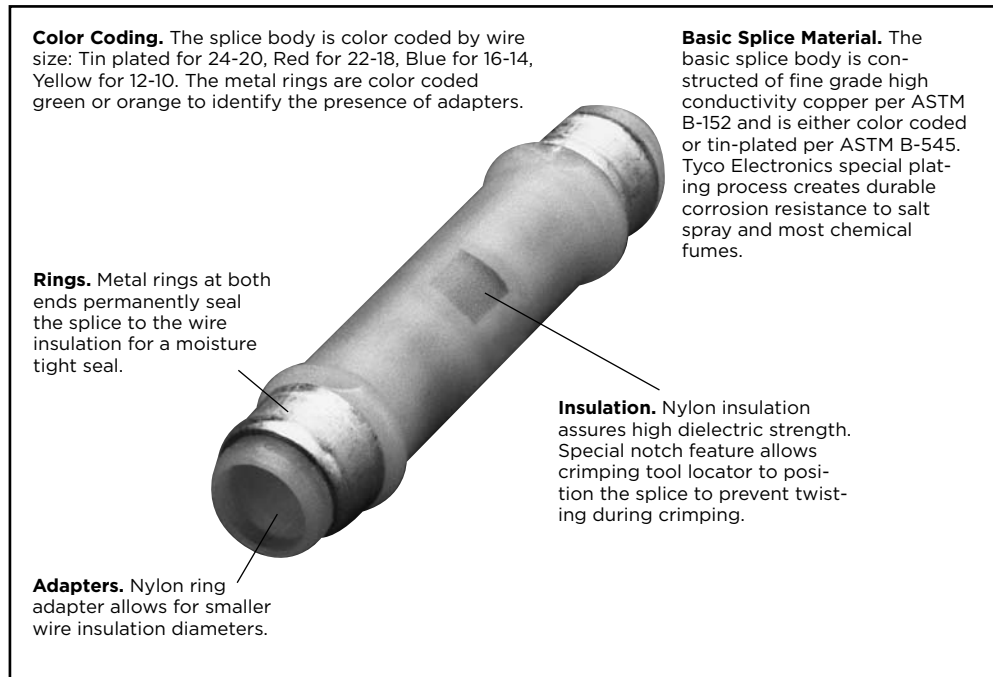


CERTI-SEAL Terminals and Splices

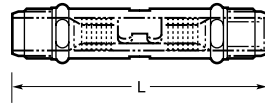
Product Facts

- Nylon window splice for military, commercial, aircraft, and missile applications that seals out vapors and fluids and imparts exceptional wire insulation support
- Metal rings at both ends of splice and permanently crimped to wire insulation for a moisture tight seal, even at altitude
- Designed to fit more than 100 insulation diameters in MIL-Spec wires from #24 to #10 AWG, and is available in three types
- First type is made with a nylon ring adapter within the wire entrance
- Second type, without nylon ring adapters
- Third type with a nylon ring adapter in one end only
- Special notch feature on the outside of the splice allows locator in the crimping tool to precisely position splice before crimping and to prevent twisting or horizontal movement during crimping
- Window area of each splice permits visual inspection of the linear plane of the crimp in relation to the inner metal sleeve
- Wire-stops in splice barrel indicate exact insertion depth of stripped wire-ends



CERTI-SEAL Terminals and Splices (Continued)

Splice



Material

Insulation -Nylon, UL 94V-2

Splice Body -Copper per ASTM B-152

Plating -Tin per ASTM B-545 or Zinc Plate/Dye Chromate

Related Product Data

Insulation Color Code -pg. 4

Packaging Quantities -pg. 4

Performance Specifications -pgs. 4 & 5

Application Tooling -shown below

Splices with nylon wire insulation diameter adapters

Wire Size Circular Mills [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.	Part Numbers	Hand Tool Part No.
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Green	.065 1.65	324987	46073
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Orange	.073 1.85	1-324987-0	46073
22-18 509-1,900 [0.26-0.96]	1.156 29.36	Red	Green	.101 2.57	324988	46074
16-14 2,050-5,180 [1.04-2.62]	1.156 29.36	Blue	Green	.120 3.05	324989	59282
12-10 5,180-13,100 [2.62-6.64]	1.345 34.16	Yellow	Green	.150 3.81	324990	58325-1

Splices without nylon wire insulation diameter adapters

Wire Size Circular Mills [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.	Part Numbers	Hand Tool Part No.
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Tin Plated	.100 2.54	324544	46073
22-18 509-1900 [0.26-0.96]	1.156 29.36	Red	Tin Plated	.133 3.38	324548	46074
16-14 2,050-5,180 [1.04-2.62]	1.156 29.36	Blue	Tin Plated	.157 3.99	324549	59282
12-10 5,180-13,100 [2.62-6.64]	1.345 34.16	Yellow	Tin Plated	.218 5.54	324631	58325-1
16-14 HD	1.345 34.16	Tin Plated	Tin Plated	.218 5.54	55685-1	58325-1

Splices with nylon wire insulation diameter adapter in one end

Wire Size Circular Mills [mm ²]	L Max.	Body Color	Ring Color	Wire Insulation Dia. Max.		Part Number	Hand Tool Part No.
				Adapter End	Other End		
24-20 320-1,290 [0.16-0.65]	.970 24.64	Tin Plated	Orange & Tin Plated	.073 1.85	.100 2.54	1-324987-1	46073

Tooling



Tool Part No. 46073 or 46074



Tool Part No. 59282 or 58325-1

Hand tooling features the AMP CERTI-CRIMP ratchet so that the operator fully closes tool so that crimping dies in tool head fully “bottom”. Locator feature in head assures that splice is properly oriented in tool. CERTI-SEAL Tools do not require wire insulation adjustment prior to crimping.