Perma-Seal ® Heat Seal Butt Connectors

Perma-Seal Butt Splices insulate, seal, and protect.

- Shrinks fast
- Long-lasting, moisture-proof connections

Standard

Part Number	AWG	Color
SAA-22-18	22 – 18	Red
SBB-16-14	6 – 14	Blue

Part Number	AWG	Color
SC-12-10	12 – 10	Yellow

Stepdown

Part Number	AWG	Color
SBA-631	16 – 14 to 22 – 18	Blue
SCB-646	12 – 10 to 16 – 14	Yellow
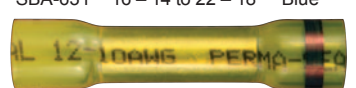
Nylon Insulated Butt Connectors

Standard

Part Number	AWG	Color
NB-18	22 – 18	Red
NB-18-4	22 – 18	Red
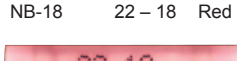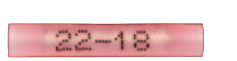
Part Number	AWG	Color
NB-14	16 – 14	Blue
NB-14-4	16 – 14	Blue

Part Number	AWG	Color
NB-10	12 – 10	Yellow
NB-10-4	12 – 10	Yellow
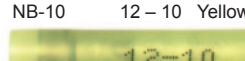
Window

Part Number	AWG	Color
NBW-18	22 – 18	Red
NBW-14	16 – 14	Blue
NBW-10	12 – 10	Yellow
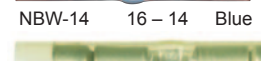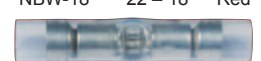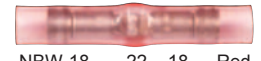
Crimp and Solder Heat Seal Butts

The **Multilink™ Heat Shrink Connector** is pre-loaded with a low temperature solder alloy ring that delivers a precise amount of flux and solder to the connection during the heat-shrink process. Each repair made with a heat shrink connector is individually protected from corrosion, contaminants, and current leakage.

Crimp Connector

- Seamless connector with inspection window
- Indicators for crimp and window location
- Wire-stop prevents over insertion

Solder Ring

- Flux coating to clean metal surfaces
- Pre-measured low-temp solder alloy

Heat Shrink Tubing

- Translucent adhesive-lined polyolefin
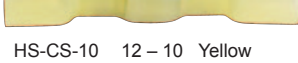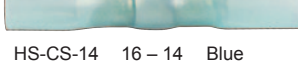- Color-coded with wire gauge imprint
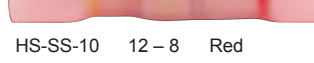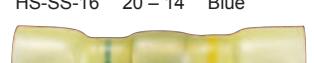

Connector   Solder   Tubing

Standard

Part Number	AWG	Color
HS-CS-22	24 – 22	Clear
HS-CS-18	20 – 18	Red
HS-CS-14	16 – 14	Blue
HS-CS-10	12 – 10	Yellow

Stepdown

Part Number	AWG	Color
HS-SS-20	24 – 18	Red
HS-SS-16	20 – 14	Blue
HS-SS-14	16 – 10	Yellow
HS-SS-10	12 – 8	Red
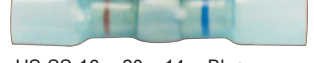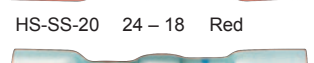
Connectors sold in packages of 100. Heat seal connectors also available in 10 piece bubble packs.
Nylon connectors also available in 25 piece bubble packs.
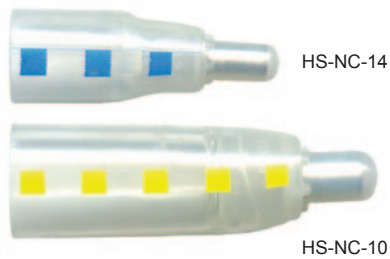
Heat Seal Closed End Connectors

HS-NC-14 Connector Capacity

A dot at an intersection indicates that the connector will accept the indicated wire size, type, and quantity combination

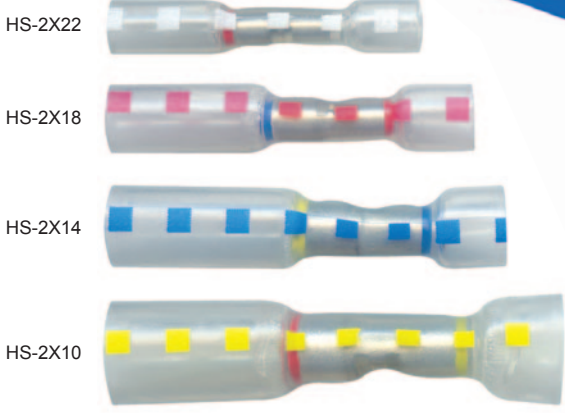### HS-NC-10 Connector Capacity

Example: One 12 gauge stranded wire can be connected to three 18 gauge stranded wires using an HS-NC-10 connector

The **HydraLink**™ **Heat-Shrink Closed End Connector** has an active adhesive that seals up to four wires and eliminates pull out. Closed end connectors can replace spring connectors in environments where corrosion is problematic. Excellent wire nut replacement.

Sealed Closed End

Part Number	Connector Wire Range	Dash Color
HS-NC-14	22 – 14 AWG	Blue
HS-NC-10	18 – 10 AWG	Yellow

HS-NC-14

HS-NC-10

Heat Seal In-Line Butt Connectors

HS-2X22

HS-2X18

HS-2X14

HS-2X10

The **HydraLink**™ **In-Line Butt Connector** splices multiple wires, and shrinks and seals for superior durability and protection.

Color dashes indicate wire gauge.

Sealed In-Line

Part Number	AWG	Dash Color	SMALL END			LARGE END		
			Stripe	Accepts	Use Insulated Crimp Die	Stripe	Accepts	Use Insulated Crimp Die
HS-2X22	24 – 22	White	White	One 24 – 22 AWG	White (24 – 22 AWG)	Red	Two 24 – 22 AWG	Red (20 – 18 AWG)
HS-2X18	20 – 18	Red	Red	One 20 – 18 AWG	Red (20 – 18 AWG)	Blue	Two 20 – 18 AWG	Blue (16 – 14 AWG)
HS-2X14	16 – 14	Blue	Blue	One 16 – 14 AWG	Blue (16 – 14 AWG)	Yellow	Two 16 – 14 AWG	Yellow (12 – 10 AWG)
HS-2X10	12 – 10	Yellow	Yellow	One 12 – 10 AWG	Yellow (12 – 10 AWG)	Red	Two 12 – 10 AWG	Red (8 AWG)

Parts shown approximately actual size