

Connectors

Hoff-Trex® Parallel Connectors

TPC Wire & Cable's Hoff-Trex® Parallel Connectors are designed to splice two solid or stranded wires together to repair or lengthen wires. Parallel connectors are frequently used in the automotive industry and are available non-insulated or with vinyl, nylon and heat shrink insulation. Unlike butt splice connectors, automotive parallel connectors crimp together two wires that are directly touching. Non-Insulated parallel splices are used to provide the most compact wire-to-wire crimp possible.



Ratings 600V High Temp Options up to 175°C

Engineered to Resist Tension High Temperature

Features & Benefits

<p>Solderless Ease of use and installation.</p>	<p>Compatibility with Solid or Stranded Conductors Can be installed into different types of applications with different wire requirements.</p>	<p>Color-Coded by AWG Size Ease of identification.</p>	<p>High Temperature Options Perfect for all types of environments.</p>	<p>Straight or Flared Options Suit the Demands of Various Operations.</p>
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Ordering Information For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Wire Size	Non-Insulated	Vinyl Tubular Flared	Nylon Straight Tubular	Nylon Flared Tubular	Nylon Window with Sleeve	High Temp 650°F	High Temp 900°F	Heat Shrink
26-22	EP/J	-	-	-	-	-	-	-
22-16	AP	AFVP/J	ANP/H	AFNP	-	APNPT/J	-	-
16-14	BP	BFVP/J	BNP/J	BFNP/J	-	BNPT/J	-	-
12-10	DP	DFVP/J	DNP/J	DFNP	-	-	-	-



Connectors

Hoff-Trex® Butt Connectors

TPC Wire & Cable's Hoff-Trex® Butt Connectors, also known as splice connectors, butt splices and crimp connectors, are used to lengthen, change, or repair an electrical circuit with a straight splice. Hoff-Trex® offers splices for nearly every type of wiring need, including simple wire splices designed for heavy-duty vibration applications and in harsh environments where sealed connectors are required.



Ratings



176°C/350°F Max Operating Temperature (Non-Insulated)

75°C/167°F Max Operating Temperature (Vinyl)

105°C/221°F Max Operating Temperature (Nylon)

Engineered to Resist



High Temperature

Features & Benefits

Available in Non-Insulated and Insulated Versions (Vinyl and Nylon Polyamide 66)

Suit the Demands of Various Operations.

High Temp (Up to 900°F) Versions Available

Perfect for all types of environments.

Heat Shrink Options Available

Provides secure connections.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Wire Size	Non-Insulated	Vinyl Butted Seam Flared	Vinyl Tubular Flared	Nylon Straight Butted Seam	Nylon Flared Butted Seam	Nylon Window with Sleeve	High Temp 650°F	High Temp 900°F	Sealed Crimp Heat Shrink
22-16	AC	AFVCWS	AFVC	ANCL	AFNC/J	ANDCW	ACNPT	AWSCHT	HSC2216
16-14	BC	BFVCWS	BFVC	BNCL	BFNC/J	BNDWCW/J	BCNPT	BWSCHT	HSC1614H
12-10	DC	DFVCWS	DFVC	DNCL	DFNC/J	DNDCW	DCNPT	DWSCHT	HSC1210H
26-22	EC/J	-	-	-	-	-	-	-	HSC2622

Wire Size	Sealed Solder Heat Shrink
24-22	HELA5-20
22-18	HELA5-16
16-14	HELA5-14
12-10	HELA5-10
8	HELA5-8



Connectors

Hoff-Trex® Releasable Speed-E Push-In Connectors

TPC Wire & Cable's Hoff-Trex® lever-type releasable connector is flame-retardant and has a transparent polycarbonate shell for easy confirmation of wire insertion. It is available in 2-conductor, 3-conductor and 5-conductor connection styles. These connectors provide easy wire release and are reusable. They're great for appliance wiring, light fixtures, signs and building wire. Hoff-Trex® Releasable Speed-E Push-In Connectors are for use with rigid/solid and flexible/stranded conductors.



Ratings



CE

Working Temp: 105°C (221°F)

Polycarbonate & Polyamide 66, Flame Retardant to UL 94V0

Rated to 600V Maximum for Building Wiring & 1,000V Maximum for Lighting Fixtures & Signs

Engineered to Resist



High Temperature



Chemicals

Features & Benefits

Transparent Shell

Allows for easy confirmation for wire insertion.

Compact Size

Perfect for tight spaces.

Accepts conductors up to

12 AWG (18 AWG and larger solid conductors do not require the operating tool)

Perfect for operations of all sizes and makes for an easier installation.

Reusable Design

Saves the need for excessive inventory and lowers costs.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Pack Qty	Wire Positions
RLS-SPEEDE2	500/bag 5,000/ctn	2
RLS-SPEEDE3	500/bag 5,000/ctn	3
RLS-SPEEDE5	300/bag 3,000/ctn	5



Connectors

Hoff-Trex® Speed-E Connectors

TPC Wire & Cable's Hoff-Trex® Speed-E Connectors are made for quick, fast and efficient splicing. Available in both solid and clear plastic housings with 2-8 positions. For solid/stranded copper wire in ranges 12-22 AWG only. Color coded for easy identification.

**Ratings**

RoHS compliant

UL 94V2

600V

Max Operating Temp 105°C (221°F)

VDE Approved Flame-Retardant Thermoplastic

Engineered to Resist

Tension

Features & Benefits**Color Coded**

Ease of identification.

Available With 2-8 Positions

Suit the Demands of Various Operations.

Wire Range 12-22 AWG

Perfect for small and large gauge requirements.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Dimensions

Part No.	No. of Positions	Color	W (mm)	D (mm)	L (mm)
SPEEDE2	2	Yellow	10.8	7.7	16.5
SPEEDE3	3	Orange	10.1	7.7	16.5
SPEEDE4	4	Clear	19.4	7.7	16.5
SPEEDE5	5	Blue	23.7	7.7	16.5
SPEEDE8	8	Black	36.6	7.7	16.5

Connectors

Hoff-Trex® Speed-Ease Connectors

Amphenol TPC Wire & Cable's Hoff-Trex® Speed-Ease™ Connectors have a grooved outer design to enable easy twisting even when hands may be greasy. They also provide a threaded inner edge which grabs the wires to provide faster and smoother twisting. A unique funnel entry design helps feed the wires into the connector quickly and easily. Designed with a narrower outer barrel but the same inner dimensions as a standard type so they fit into tight spaces. Available in Standard, Slim, High Temperature (Black) and Wing Tab.



Ratings



RoHS compliant

300V or 600V

Standard Option Max Operating Temp: 105°C

High Temp Options Max Operating Temp: 150°C

Engineered to Resist



Abrasion



High Temperature

Features & Benefits

Grooved Outer Design and Threaded Inner Edge

Grabs wires to enable easy twisting during installation.

Funneled Entry

Helps feed wires into connector quickly and easily.

High Temperature and Wing Tab Options

Suit the Demands of Various Operations.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Standard Speed-Ease™ Connectors

Part No.	Wire Range	Color	Min Wire Combination	Max Wire Combination	Voltage
HE1	22-14	Grey	2 #22	1 #14 + 1 #20	300
HE2	22-14	Blue	2 #22	3 #16	300
HE3/600V	22-14	Orange	1 #18 + 1 #20	4 #16 + 1 #16	600
SEHE3/600V	22-14	Orange	1 #18 + 1 #20	4 #16 + 1 #20	600
HE4/600V	22-10	Yellow	3 #20	1 #10 + 2 #14 + 1 #16	600
SEHE4	22-10	Yellow	3 #20	1 #10 + 2 #14 + 1 #16	600
HE5	22-8	Red	3 #18	3 #10	600
SEHE5	22-8	Red	3 #18	3 #10	600

Notes

Available in different pack sizes and colors. Please inquire with your ATPC Representative. Color Coded with a square wire insert that grabs the wires producing a secure connection. Handles temperatures up to 105°C (221°F).

Black High Temperature Speed-Ease™ Connectors

Part No.	Color	Wire Range (Min)	Wire Range (Max)	Voltage
HE1H	Black	3 #22	2 #16	300
HE3H	Black	3 #20	2 #14 + 1 #16	300

Notes

Designed to handle higher temperatures up to 150°C (302°F).

Wing Tab Speed-Ease™ Connectors

Part No.	Color	Wire Range (Min)	Wire Range (Max)	Voltage
HE3YWR1	Yellow	2 #18	3 #12	600
HE4TW	Tan	3 #22	3 #10	600
HE5RW	Red	3 #16	5 #12	600
HE6GW	Gray	3 #14 + 1 #18	3 #10	600
HE7BW	Blue	2 #10 + 1 #12	1 #18 + 3 #10	600

Notes

Designed with a square wire insert with wing tabs to make the twist action easier.

Connectors

Hoff-Trex® Closed-End Connectors

TPC Wire & Cable's Hoff-Trex® Closed-End Connectors offer a quick and reliable connection for wiring harnesses. Crafted from high-quality 6/6 nylon, these connectors feature a reliable tin-plated copper insert. With UL94V2 certification, CSA approval, and RoHS compliance, you can trust in their safety and performance. Available in sizes ranging from 22 AWG to 8 AWG, these connectors are the best choice for secure and versatile connector solutions.

**Ratings**

300V

Standard Option Max Operating Temperature: 105°C

Engineered to Resist

Abrasion



Tension

Features & Benefits**Made from 6/6 Nylon**

Great for resistance to heat.

Resistant to Vibration

Creates a secure connection.

Simple, but Rugged Design

Provide convenient, safe and fast installation.

Available in Sizes From 22 AWG to 8 AWG

Perfect for small and large gauge requirements.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Closed-End Connectors

Part No.	Color	Temp	Voltage	Wire Size
CE100	CLEAR	105°C	300V	22-18
CE100R	CLEAR	105°C	300V	22-18
CE233	CLEAR	105°C	300V	16-14
CE233R	CLEAR	105°C	300V	16-14
CE551	CLEAR	105°C	300V	12-10
CE551R*	CLEAR	105°C	300V	12-10
CE800	CLEAR	105°C	300V	8
CE233HR	WHITE	105°C	300V	16-14
CE551HR	WHITE	105°C	300V	12-10
2218SDB	CLEAR	105°C	600V	22-18
BSDB	CLEAR	105°C	600V	16-14
DSDB	CLEAR	105°C	600V	12-10
8SDB	CLEAR	105°C	600V	8

**Notes**

*Also available in 600V version