

HOFFMAN PRODUCTS

Family of Electrical Components



TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE®

ABOUT HOFFMAN PRODUCTS



Hoffman Products is an electrical components accessory line at TPC Wire & Cable Corp. that offers a diverse selection of electrical products such as terminals, connectors, cable ties, alligator clips, cable glands and more that are used on a daily basis by electrical maintenance professionals everywhere. What sets us apart is our broad selection and deep inventory which allows us to meet your timely shipping requests. Whether we are your primary supplier or the people you go to in a pinch, you can rely on Hoffman Products to keep you prepared for the demands of your electrical maintenance facility.

BROAD LINE OF QUALITY PRODUCTS

Hoffman Products continuously strives to meet or exceed the highest product quality standards in the industry. The majority of products carried are UL listed, CSA certified and RoHS compliant. The product line consists of ferrules, connectors, tools, cable ties, heat shrink tubing, lugs, metal strip terminals, solderless terminals and kits.

DEEP INVENTORY

Deep inventory levels allow Hoffman Products to ship immediately to meet our customer's urgent needs.

EXCELLENT SERVICE

Hoffman Products is easy to do business with because our people care about the customer. You can rely on Hoffman Products for good communication, follow-up and to meet delivery commitments. Hoffman Products continues to support manufacturers through development of additional products.

EXCELLENT VALUE

Hoffman Products provides our customers the value-add of having deep inventories of quality products, low minimum orders and customized packaging available to meet our customer's needs.



HISTORY OF HOFFMAN PRODUCTS

1962 Hoffman Products company begins as a supplier of solderless terminals and connectors to the domestic manufacturing market in Farmingdale, NY.

1982 Acquired by Premier Industrial Corporation of Cleveland, OH.

1996 Premier Industrial Corporation is purchased by Farnell of the United Kingdom and becomes Premier Farnell PLC. Hoffman Products becomes a Division of Premier Farnell.

2002 Hoffman Products facility moves from Farmingdale, NY to Oak Park, MI to share building and warehouse space with Cadillac Electric, another Premier Farnell Company.

2009 Hoffman Products was assumed by TPC Wire & Cable Corp., another Premier Farnell company and became a TPC Wire & Cable Accessory Brand. Inventory was transferred to TPC's warehouse in Mentor, OH.

2011 Premier Farnell sells TPC Wire & Cable Corp. to Pflugsten Partners, a private equity firm.

2012 TPC consolidates Fraser, MI warehouse, Mentor, OH warehouse and Independence, OH corporate headquarters to one facility in Macedonia, OH, a suburb of Cleveland.

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TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE®

TPC Wire & Cable Corp.

9600 Valley View Rd,
 Macedonia, Oh 44056

Phone: 216-525-4320
 Toll Free: 800-645-2014
 Fax: 866-896-3017

www.tpcwire.com

TERMINALS

TOR (TAPE ON REEL) AVAILABLE

High quality solderless terminals provide solid wire crimps that meld both stranded wire or solid wire with the barrel of the terminal into one strong electrical connection. Terminals are available with or without tin plating used for corrosion resistance. Insulation is available in vinyl and nylon with or without an extra support sleeve (for double crimp). The ring and spade terminals are made from 100% electrolytic copper and are tin plated. **All terminals are UL and RoHS Compliant.**

26-22 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 2 | E2 | - | - | EFND2/J | - | - | - | - |
| 4 | E3 | - | - | EFND3.7 | - | - | - | - |
| 6 | EM3 | - | - | EFND3/J | - | - | - | - |
| 8 | E4 | - | - | EFND4/J | - | - | - | - |

22-16 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 2 | AS2 | - | - | - | - | - | - | - |
| 4 | AS3 | AFVLS3R2 | AFVDS3 | AFNDS3 | - | - | - | - |
| 6 | AM3 | AFVLM3R2 | AFVDM3 | AFNDM3 | - | AM3NPT | AWSM3HT | AHS3 |
| 8 | HA4 | AFVL4R2 | AFVD4 | AFND4 | - | A4NPT | AWS4HT | AHS4 |
| 10 | A5 | AFVL5R2 | AFVD5 | AFND5 | - | A5NPT | AWS5HT | AHS5 |
| 1/4" | A6 | AFVL6R2 | AFVD6 | AFND6 | - | - | AWS6HT | AHS6 |
| 5/16" | A8 | AFVL8R2 | AFVD8 | AFND8 | - | - | - | AHS8 |
| 3/8" | A9 | AFVL9R2 | AFVD9 | AFND9 | - | - | - | AHS9 |
| 1/2" | A13 | - | - | - | - | - | - | - |

16-14 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 4 | B3 | BFVL3R2 | BFVD3 | BFND3 | - | - | - | - |
| 6 | BM3 | BFVLM3R2 | BFVDM3 | BFNDM3 | - | BM3NPT | BWSM3HT | BHS3 |
| 8 | B4 | BFVL4R2 | BFVD4 | BFND4 | - | BM4NPT | BWS4HT | BHS4 |
| 10 | B5 | BFVL5R2 | BFVD5 | BFND5 | - | BM5NPT/J | BWS5HT | BHS5 |
| 1/4" | B6 | BFVL6R2 | BFVD6 | BFND6 | - | - | BWS6HT | BHS6 |
| 5/16" | B8 | BFVL8R2 | BFVD8 | BFND8 | - | - | - | BHS8 |
| 3/8" | B9 | BFVL9R2 | BFVD9 | BFND9 | - | - | - | BHS9 |
| 1/2" | B13 | BFVL13R2 | BFVD13 | BFND13 | - | - | - | - |

12-10 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | DS3 | DFVL3R2 | DFVDS3 | DFNDS3 | - | - | - | - |
| 8 | D4 | DFVL4R2 | DFVD4 | DFND4 | - | D4NPT/J | DWS4HT | DHS4 |
| 10 | D5 | DFVL5R2 | DFVD5 | DFND5 | - | D5NPT | DWS5HT | DHS5 |
| 1/4" | D6 | DFVL6R2 | DFVD6 | DFND6 | - | D6NPT | DWS6HT | DHS6 |
| 5/16" | D8 | DFVL8R2 | DFVD8 | DFND8 | - | - | - | DHS8 |
| 3/8" | D9 | DFVL9R2 | DFVD9 | DFND9 | - | - | - | DHS9 |
| 1/2" | D13 | DFVL13R2 | DFVD13 | DFND13 | - | - | - | - |
| 9/16" | D14 | - | - | - | - | - | - | - |

8 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 8 | 8S4R1 | - | - | - | FN8S4 | - | - | - |
| 10 | 8S5R1 | - | - | - | FN8S5 | - | - | - |
| 1/4" | 8S6R1 | - | - | - | FN8S6 | - | - | - |
| 5/16" | 88R1 | - | - | - | FN88 | - | - | - |
| 3/8" | 89R1 | - | - | - | FN89 | - | - | - |
| 1/2" | 813R1 | - | - | - | FN813 | - | - | - |

6 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 10 | 65R1 | - | - | - | FN65 | - | - | - |
| 1/4" | 66R1 | - | - | - | FN66 | - | - | - |
| 5/16" | 68R1 | - | - | - | FN68 | - | - | - |
| 3/8" | 69R1 | - | - | - | FN69 | - | - | - |
| 1/2" | 613R1 | - | - | - | FN613 | - | - | - |

TERMINALS

TOP (TAPE ON REEL) AVAILABLE

4 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 10 | 4S5R1 | - | - | - | FN4S5 | - | - | - |
| 1/4" | 46R1 | - | - | - | FN46 | - | - | - |
| 5/16" | 48R1 | - | - | - | FN48 | - | - | - |
| 3/8" | 4S9R1 | - | - | - | FN49 | - | - | - |
| 1/2" | 413R1 | - | - | - | FN413 | - | - | - |

2 AWG RING TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 10 | 2S5R1 | - | - | - | FN2S5 | - | - | - |
| 1/4" | 2S6R1 | - | - | - | FN2S6 | - | - | - |
| 5/16" | 2S8R1 | - | - | - | FN2S8 | - | - | - |
| 3/8" | 29R1 | - | - | - | FN29 | - | - | - |
| 7/16" | 211R1 | - | - | - | - | - | - | - |
| 1/2" | 213R1 | - | - | - | FN213 | - | - | - |

LARGE NON-INSULATED RING TERMINALS



| STUD SIZE | WIRE SIZE | | | | | | | |
|-----------|-----------|---------|---------|---------|-------------|-------------|-------------|-------------|
| | 1/0 AWG | 2/0 AWG | 3/0 AWG | 4/0 AWG | 250/300 MCM | 300/350 MCM | 400/500 MCM | 500/600 MCM |
| 1/4" | 1/06R1 | 2/06R1 | 3/06R1 | 4/06R1 | - | - | - | - |
| 5/16" | 1/08R1 | 2/08R1 | 3/08R1 | 4/08R1 | 1508R1 | - | - | - |
| 3/8" | 1/09R1 | 2/09R1 | 3/09R1 | 4/09R1 | 1509R1 | 2009R1 | 2509R1 | 3009R1 |
| 7/16" | 1/011R1 | 2/011R1 | 3/011R1 | - | 15011R1 | - | - | - |
| 1/2" | 1/013R1 | 2/013R1 | 3/013R1 | 4/013R1 | 15013R1 | 20013R1 | 25013R1 | 30013R1 |
| 5/8" | 1/016R1 | 2/016R1 | 3/016R1 | 4/016R1 | 15016R1 | 20016R1 | 25016R1 | 30016R1 |
| 3/4" | - | - | - | 4/019R1 | - | 20019R1 | - | - |

NON-INSULATED FLAG TERMINALS



| STUD SIZE | WIRE SIZE | | | | | | | | | | |
|-----------|-----------|-------|-------|---------|--------|------|------|--------|---------|---------|---------|
| | 22-16 | 16-14 | 12-10 | 8 | 6 | 4 | 2 | 1/0 | 2/0 | 3/0 | 4/0 |
| 8 | AFG4 | BFG4 | - | - | - | - | - | - | - | - | - |
| 10 | AFG5 | BFG5 | DFG5 | FG85 | FG65/J | - | - | - | - | - | - |
| 1/4" | - | BFG6 | DFG6 | FG86 | FG66 | FG46 | FG26 | FG1/06 | - | - | - |
| 5/16" | - | - | - | FG88 | FG68 | FG48 | FG28 | FG1/08 | FG2/08 | FG3/08 | FG4/08 |
| 3/8" | - | - | - | FG89 | FG69 | FG49 | FG29 | FG1/09 | FG2/09 | FG3/09 | FG4/09 |
| 1/2" | - | - | - | - | - | - | - | - | FG2/013 | FG3/013 | FG4/013 |
| 3/4" | - | - | - | 4/019R1 | - | - | - | - | - | - | - |

26-22 AWG SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-------|-------------------------|-------------------------|------------|-----------------|-----------------|-------------|
| 4 | E3A | - | - | - | - | - | - | - |
| 6 | E3.7A | - | - | - | EFND3.7A/J | - | - | - |
| 8 | E4A | - | - | - | EFND4A/J | - | - | - |

22-16 AWG SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 4 | AM3A | AFVLM3AR2 | AFVDM3A | AFNDM3A | - | - | - | - |
| 6 | AS3A | AFVLS3AR2 | AFVDS3A | AFNDS3A | - | - | - | AHS3A |
| 8 | AS4A | AFVLS4AR2 | AFVDS4A | AFNDS4A | - | - | - | AHS4A |
| 10 | AM5A | AFVLM5AR2 | AFVDM5A | AFNDM5A | - | - | - | AHS5A |
| 1/4" | A6A | AFVL6AR2 | AFVD6A | AFND6A | - | - | - | - |

16-14 AWG SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 8 | B4A | BFVL4AR2 | BFVD4A | BFND4A | - | - | - | BHS4A |
| 10 | B5A | BFVL5AR2 | BFVD5A | BFND5A | - | - | - | BHS5A |
| 1/4" | B6A | BFVL6AR2 | BFVD6A | BFND6A | - | - | - | - |

TERMINALS

TOR (TAPE ON REEL) AVAILABLE

12-10 AWG SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | DS3A | DFVLS3AR2 | DFVDS3A | DFNDS3A | - | - | - | - |
| 8 | - | DFVLS4AR2 | - | DFNDS4A | - | - | - | DHS4A |
| 10 | D5A | DFVL5AR2 | DFVD5A | DFND5A | - | - | - | DHS5A |
| 1/4" | D6A | DFVL6AR2 | DFVD6A | DFND6A | - | - | - | DHS6A |

22-16 AWG FLANGED SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | AS3B | AFVLS3BR2 | AFVDS3B | AFNDS3B | - | - | - | - |
| 8 | AS4B | AFVLS4BR2 | AFVDS4B | AFNDS4B | - | - | - | - |
| 10 | AS5B | - | AFVDS5B | AFNDS5B | - | - | - | - |

16-14 AWG FLANGED SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | - | BFVLS3BR2 | BFVDS3B | BFNDS3B | - | - | - | - |
| 8 | BS4B | BFVLS4BR2 | BFVDS4B | BFNDS4B | - | - | - | - |
| 10 | BS5B | BFVLS5BR2 | BFVDS5B | BFNDS5B | - | - | - | - |

12-10 AWG FLANGED SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | DS3B | DFVLS3BR2 | DFVDS3B | DFNDS3B | - | - | - | - |
| 8 | DS4B | - | DFVDS4B | DFNDS4B | - | - | - | - |
| 10 | - | - | DFVDS5B | DFNDS5B | - | - | - | - |

22-16 AWG LOCKING SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | AWS3LST | AFVL3LSR2 | AFVD3LST | AFND3LSR2 | - | - | - | - |
| 8 | AWS4LST | AFVL4LSR2 | AFVD4LST | AFND4LSR2 | - | - | - | - |
| 10 | AWS5LST | AFVL5LSR2 | AFVD5LST | AFND5LSR2 | - | - | - | - |

16-14 AWG LOCKING SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | BWS3LST | BFVL3LSR2 | BFVD3LST | BFND3LSR2 | - | - | - | - |
| 8 | - | BFVL4LSR2 | BFVD4LST | BFND4LSR2 | - | - | - | - |
| 10 | BWS5LST | BFVL5LSR2 | BFVD5LST | BFND5LSR2 | - | - | - | - |

12-10 AWG LOCKING SPADE TERMINALS



| STUD SIZE | NON-INSULATED | VINYL | VINYL W/ SUPPORT SLEEVE | NYLON W/ SUPPORT SLEEVE | NYLON | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|-----------|-------------------------|-------------------------|-------|-----------------|-----------------|-------------|
| 6 | DWS3LST | DFVL3LSR2 | DFVD3LST | DFND3LSR2 | - | - | - | - |
| 8 | DWS4LST | DFVL4LSR2 | DFVD4LST | DFND4LSR2 | - | - | - | - |
| 10 | DWS5LST | DFVL5LSR2 | DFVD5LST | DFND5LSR2 | - | - | - | - |

Connection Made with a Heat Gun – No Soldering or Crimping Tool Required

For more details on Soldering Type Heat Shrinkable Terminals and Connectors, see page 7, 8 and 15.



Soldering Type Heat Shrinkable Terminals provide maximum pull out strength; maximum conductivity; a water tight seal; low temperature pre-fluxed solder ring and a crimp free design.

SOLDERING TYPE HEAT SHRINKABLE SPADE TERMINALS



| | | PART NO. | GAUGE | COLOR | DESCRIPTION |
|---|---|------------|-----------|--------|-------------|
| | • | HELA220-02 | 22-24 AWG | CLEAR | #2 Stud |
| | • | HELA220-04 | 22-24 AWG | CLEAR | #4 Stud |
| | • | HELA220-06 | 22-24 AWG | CLEAR | #6 Stud |
| • | • | HELA216-10 | 18-20 AWG | RED | #10 Stud |
| • | • | HELA214-10 | 14-16 AWG | BLUE | #10 Stud |
| • | • | HELA210-10 | 10-12 AWG | YELLOW | #10 Stud |

SOLDERING TYPE HEAT SHRINKABLE RING TERMINALS



| UL | CS | PART NO. | GAUGE | COLOR | DESCRIPTION |
|----|----|-------------|-----------|--------|-------------|
| | • | HELA120-02 | 22-24 AWG | CLEAR | #2 Stud |
| | • | HELA120-04 | 22-24 AWG | CLEAR | #4 Stud |
| | • | HELA120-06 | 22-24 AWG | CLEAR | #6 Stud |
| • | • | HELA116-06 | 18-20 AWG | RED | #6 Stud |
| • | • | HELA116-08 | 18-20 AWG | RED | #8 Stud |
| • | • | HELA116-10 | 18-20 AWG | RED | #10 Stud |
| • | • | HELA116-14 | 18-20 AWG | RED | 1/4" Stud |
| | • | HELA116-516 | 18-20 AWG | RED | 5/16" Stud |
| | • | HELA116-38 | 18-20 AWG | RED | 3/8" Stud |
| | • | HELA114-06 | 14-16 AWG | BLUE | #6 Stud |
| • | • | HELA114-08 | 14-16 AWG | BLUE | #8 Stud |
| • | • | HELA114-10 | 14-16 AWG | BLUE | #10 Stud |
| • | • | HELA114-14 | 14-16 AWG | BLUE | 1/4" Stud |
| | • | HELA114-516 | 14-16 AWG | BLUE | 5/16" Stud |
| • | • | HELA114-38 | 14-16 AWG | BLUE | 3/8" Stud |
| • | • | HELA110-10 | 10-12 AWG | YELLOW | #10 Stud |
| • | • | HELA110-14 | 10-12 AWG | YELLOW | 1/4" Stud |
| | • | HELA110-516 | 10-12 AWG | YELLOW | 5/16" Stud |
| • | • | HELA110-38 | 10-12 AWG | YELLOW | 3/8" Stud |
| • | • | HELA110-12 | 10-12 AWG | YELLOW | 1/2" Stud |

Our tubular lugs are available in non-plated, tin-plated and color-coded. They are UL certified for heavy-duty applications with trucks, buses, forklifts, automotive and industrial equipment. They have annealed terminals for easy crimping, along with seamless barrels for a secure accurate crimp. They are also made from high quality copper: 110 Cu ASTM B152.

TUBULAR LUGS — TIN PLATED COPPER



| STUD SIZE | WIRE SIZE | | | | | | | | |
|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 8 | 6 | 4 | 2 | 1 | 1/0 | 2/0 | 3/0 | 4/0 |
| 10 | - | - | 1590T76 | - | - | - | - | - | - |
| 1/4" | 1701T76 | 1601T76 | 1591T76 | 1580T76 | 1560T76 | 1550T76 | 1540T76 | 1530T76 | 1520T76 |
| 5/16" | 1702T76 | 1602T76 | 1592T76 | 1581T76 | 1561T76 | 1551T76 | 1541T76 | 1531T76 | 1521T76 |
| 3/8" | 1703T76 | 1603T76 | 1593T76 | 1582T76 | 1562T76 | 1552T76 | 1542T76 | 1532T76 | 1522T76 |
| 1/2" | - | 1604T76 | 1594T76 | 1583T76 | 1563T76 | 1553T76 | 1543T76 | 1533T76 | 1523T76 |

More options available: **Non-plated** (delete "T" from part number - i.e. "170176"); **With sight hole** (add "S" before "76" in part number - i.e. "1523TS76").

TUBULAR LUGS — COLOR CODED TIN PLATED COPPER WITH SIGHT HOLE



| STUD SIZE | WIRE SIZE | | | | | | | | |
|-----------|-----------|---------|---------|---------|---------|------------|-----------|-----------|------------|
| | 8 | 6 | 4 | 2 | 1 | 1/0 | 2/0 | 3/0 | 4/0 |
| 10 | TLS8576 | - | - | - | - | - | - | - | - |
| 1/4" | TLS8676 | TLS6676 | TLS4676 | TLS2676 | TLS16 | TLS1/0676 | TLS2/0676 | TLS3/06 | - |
| 5/16" | TLS88 | TLS68 | TLS4876 | TLS2876 | TLS1876 | TLS1/0876 | TLS2/08 | TLS3/08 | - |
| 3/8" | TLS8976 | TLS6976 | TLS4976 | TLS2976 | TLS1976 | TLS1/0976 | TLS2/0976 | TLS3/0976 | TLS4/0976 |
| 1/2" | - | - | - | - | - | TLS1/01376 | TLS2/013 | TLS3/013 | TLS4/01376 |

RING TERMINALS — METAL STRIP MOUNTED



| WIRE SIZE | STUD SIZE | CRIMP TYPE | PART NO. |
|-----------|-----------|------------|----------|
| 22-16 | 5 | SINGLE | 2216M2ST |
| 22-16 | 8 | SINGLE | 20144ST |
| 22-16 | 5 | DOUBLE | 2216S2ST |
| 22-16 | 6 | DOUBLE | 22163ST |
| 22-16 | 6 | DOUBLE | 22162ST |
| 22-16 | 6 | DOUBLE | 2016M3ST |
| 22-16 | 8 | DOUBLE | 2216M4ST |
| 22-16 | 8 | DOUBLE | 22164ST |
| 22-16 | 10 | DOUBLE | 2216M5ST |
| 22-16 | 10 | DOUBLE | H22165ST |
| 22-16 | 5/16" | DOUBLE | 22168ST |
| 22-16 | 3/8" | DOUBLE | 2216S9ST |

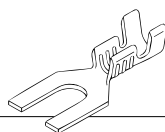
SERRATED RING TERMINALS — METAL STRIP MOUNTED



| WIRE SIZE | STUD SIZE | CRIMP TYPE | PART NO. |
|-----------|-----------|------------|-----------|
| 22-16 | 8 | DOUBLE | 2216M4SST |
| 20-16 | 6 | DOUBLE | 2016M3SST |
| 20-16 | 6 | DOUBLE | 20163SST |
| 20-16 | 8 | DOUBLE | 20164SST |
| 20-16 | 10 | DOUBLE | 20165SST |
| 20-16 | 1/4" | DOUBLE | 20166SST |

TERMINALS

SPADE TERMINALS – METAL STRIP MOUNTED

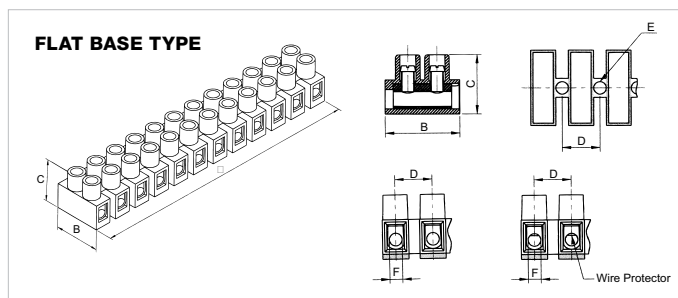


| WIRE SIZE | STUD SIZE | CRIMP TYPE | PART NO. |
|-----------|-----------|------------|----------|
| 20-16 | 6 | DOUBLE | 22163AST |
| 20-16 | 8 | DOUBLE | 22164AST |

TERMINAL BLOCKS



Hoffman Products' Safe Wire Terminal Blocks are a high quality, cost saving method for wire termination. The "Safe Wire" feature is designed with a stainless steel plate that closes over the wire to eliminate breakage of the wire strands and creates a safe, secure connection. They are made from 6/6 nylon, making them durable, flame retardant and heat resistant. The blocks can be cut to specific requirements, saving time and money. Available in flat base, high base and high foot base construction.



| PART NO. | CONSTRUCTION | WIRE RANGE | # OF POSITIONS | SCREW (ZINC PLATED) | DIMENSIONS (IN) | | | | | |
|---------------|--------------|------------|----------------|---------------------|-----------------|------|------|------|------|------|
| | | | | | A | B | C | D | E | F |
| HB1820ABWP/12 | FLAT BASE | 22-12 | 12 | M2.6 X 5 | 3.77 | 0.64 | 0.52 | 0.32 | 0.11 | 0.11 |
| HB141810WP/12 | FLAT BASE | 22-12 | 12 | M3 X 6 | 4.63 | 0.8 | 0.62 | 0.39 | 0.14 | 0.13 |
| HB121012WP/12 | FLAT BASE | 22-10 | 12 | M3.5 X 7 | 5.4 | 0.64 | 0.75 | 0.47 | 0.15 | 0.15 |
| HB813.5WP/12 | FLAT BASE | 22-8 | 12 | M4 X P | 6.22 | 1.01 | 0.99 | 0.53 | 0.17 | 0.19 |

HOUSING FOR 110 TAB



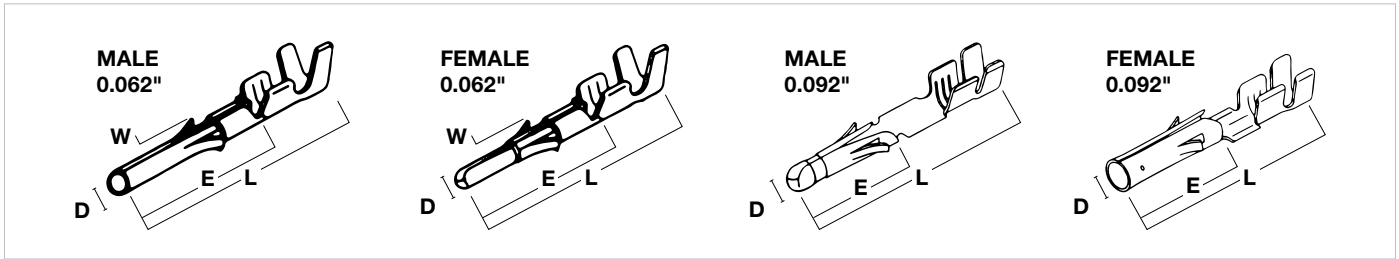
| PART NO. | DESCRIPTION | USE WITH |
|----------|-----------------------------------|--------------|
| F4110 | 4 Position Female Housing | MI2216T110MS |
| F6110 | 6 Position Female Housing | MI2216T110MS |
| F9110 | 9 Position Female Housing | MI2216T110MS |
| M4110 | 4 Position Male Housing | FI2216T110MS |
| M9110 | 9 Position Male Housing | FI2216T110MS |
| F4110LK | 4 Position Locking Female Housing | MI2216T110MS |
| F9110LK | 9 Position Locking Female Housing | MI2216T110MS |
| M3110LK | 3 Position Locking Male Housing | FI2216T110MS |
| M4110LK | 4 Position Locking Male Housing | FI2216T110MS |
| M6110LK | 6 Position Locking Male Housing | FI2216T110MS |
| M9110LK | 9 Position Locking Male Housing | FI2216T110MS |

HOUSING FOR 250 TAB



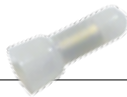
| PART NO. | DESCRIPTION | USE WITH |
|----------|-----------------------------------|--------------|
| F4250 | 4 Position Female Housing | MI2216T250MS |
| F6250 | 6 Position Female Housing | MI2216T250MS |
| F8250 | 8 Position Female Housing | MI2216T250MS |
| M4250 | 4 Position Male Housing | FI2216T250MS |
| M6250 | 6 Position Male Housing | FI2216T250MS |
| M8250 | 8 Position Male Housing | FI2216T250MS |
| F4250LK | 4 Position Locking Female Housing | MI2216T250MS |
| F6250LK | 6 Position Locking Female Housing | MI2216T250MS |
| F8250LK | 8 Position Locking Female Housing | MI2216T250MS |
| M4250LK | 4 Position Locking Male Housing | FI2216T250MS |
| M6250LK | 6 Position Locking Male Housing | FI2216T250MS |
| M8250LK | 8 Position Locking Male Housing | FI2216T250MS |

PIN AND SOCKET CONNECTORS

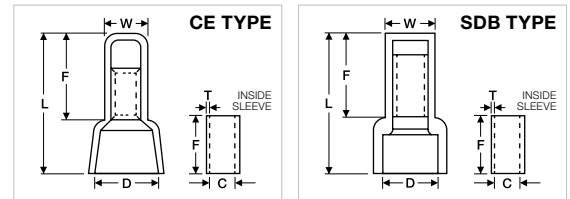


| WIRE SIZE | DESCRIPTION | PART NO. | L (IN) | E (IN) | W (IN) | (IN) |
|-----------|--|----------------|--------|--------|--------|--------|
| 22-18 | Male Pin 0.062" Dia Strip M Type | MPIN2218T62ST | 0.68 | 0.428 | 0.124 | 0.062 |
| 22-18 | Female Socket 0.062" Dia Strip M Type | FPIN2218T62STM | 0.664 | 0.404 | 0.124 | 0.062 |
| 22-18 | Male Pin 0.092" Dia Strip KM Type | MPIN2218T92ST | 0.866 | 0.445 | - | 0.0906 |
| 22-18 | Female Socket 0.092" Dia Strip KM Type | FPIN2218T92ST | 0.87 | 0.441 | - | 0.0906 |

CLOSED END CONNECTORS



Hoffman Products' Closed End Connectors are made from 6/6 nylon, UL94V2, with a tin plated copper insert and are UL certified, CSA certified and RoHS compliant.



| PART NO. | COLOR | TEMP | VOLTAGE | WIRE SIZE | DIMENSIONS (IN) | | | | | | |
|----------|-------|-------|---------|-----------|-----------------|-------|-------|-------|-------|-------|--------|
| | | | | | L | W | F | D | E | T | C |
| CE100 | CLEAR | 105°C | 300V | 22-18 | 0.709 | 0.191 | 0.465 | 0.244 | 0.265 | 0.016 | 0.102 |
| CE100R | CLEAR | 105°C | 300V | 22-18 | 0.709 | 0.191 | 0.465 | 0.244 | 0.265 | 0.016 | 0.102 |
| CE233 | CLEAR | 105°C | 300V | 16-14 | 0.776 | 0.211 | 0.493 | 0.311 | 0.271 | 0.076 | 0.121 |
| CE233R | CLEAR | 105°C | 300V | 16-14 | 0.7874 | 0.211 | 0.493 | 0.283 | 0.271 | 0.076 | 0.121 |
| CE551 | CLEAR | 105°C | 300V | 12-10 | 1.004 | 0.283 | 0.626 | 0.413 | 0.271 | 0.023 | 0.172 |
| CE551R* | CLEAR | 105°C | 300V | 12-10 | 1.0039 | 0.283 | 0.626 | 0.378 | 0.271 | 0.023 | 0.0172 |
| CE800 | CLEAR | 105°C | 300V | 8 | 1.091 | 0.359 | 0.619 | 0.488 | 0.332 | 0.037 | 0.209 |
| CE233HR | WHITE | 150°C | 300V | 16-14 | 0.7874 | 0.211 | 0.493 | 0.283 | 0.271 | 0.076 | 0.121 |
| CE551HR | WHITE | 150°C | 300V | 12-10 | 1.0039 | 0.283 | 0.262 | 0.378 | 0.271 | 0.023 | 0.0172 |
| 2218SDB | CLEAR | 105°C | 600V | 22-18 | 0.598 | 0.197 | 0.346 | 0.236 | 0.276 | 0.020 | 0.091 |
| 1614BSDB | CLEAR | 105°C | 600V | 16-14 | 0.598 | 0.228 | 0.346 | 0.248 | 0.276 | 0.018 | 0.122 |
| 1210DSDB | CLEAR | 105°C | 600V | 12-10 | 0.701 | 0.287 | 0.346 | 0.362 | 0.295 | 0.028 | 0.157 |

*Also available in 600V version

CONNECTORS

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.

STANDARD SPEED-EASE™ CONNECTORS



Color coded with a square wire insert that grabs the wires producing a secure connection. Handles temperatures up to 105°C (221°F).

| PART NO. | COLOR | WIRE RANGE (MIN) | WIRE RANGE (MAX) | VOLTAGE |
|----------|--------|------------------|------------------|---------|
| HE1 | GRAY | 2#22 | 1#14+1#20 | 300 |
| HE2 | BLUE | 2#22 | 3#16 | 300 |
| HE3/600V | ORANGE | 1#18+1#20 | 4#16+1#16 | 600 |
| HE4/600V | YELLOW | 3#20 | 1#10+2#14+1#16 | 600 |
| HE5 | RED | 3#18 | 3#10 | 600 |

SLIM SPEED-EASE™ CONNECTORS



These uniquely designed connectors will save you money! Designed with a narrower outer barrel but the same inner dimensions as a standard type so they fit into tight spaces. They can also handle temperatures up to 105°C (221°F).

| PART NO. | COLOR | WIRE RANGE (MIN) | WIRE RANGE (MAX) | VOLTAGE |
|----------|--------|------------------|------------------|---------|
| SEHE3C | ORANGE | 1#18+1#20 | 4#16+1#20 | 600 |
| SEHE4 | YELLOW | 3#20 | 1#10+2#14+1#16 | 600 |
| SEHE5 | RED | 3#18 | 3#10 | 600 |

BLACK HIGH TEMPERATURE SPEED-EASE™ CONNECTORS



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

| 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 |

WING TAB SPEED-EASE™ CONNECTORS



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

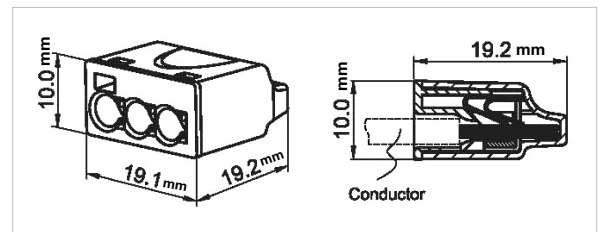
| PART NO. | COLOR | WIRE RANGE (MIN) | WIRE RANGE (MAX) | VOLTAGE |
|----------|--------|------------------|------------------|---------|
| HE3YW | Yellow | 2#18 | 3#12 | 600 |
| HE4TW | Tan | 3#22 | 3#10 | 600 |
| HE5RW | Red | 3#16 | 5#12 | 600 |
| HE6GW | Gray | 3#14+1#18 | 3#10 | 600 |
| HE7BW | Blue | 2#10+1#12 | 1#18+3#10 | 600 |



RELEASABLE SPEED-E PUSH-IN CONNECTORS

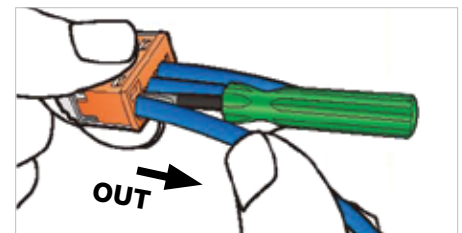
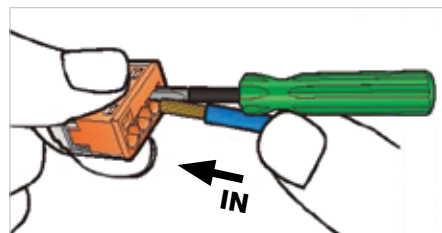
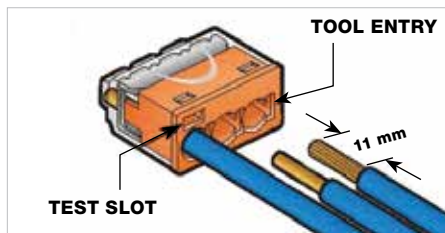
Releasable Speed-E Push-In Connectors are for use with rigid/solid and flexible/stranded conductors. Their compact size is perfect for tight spaces. These connectors accept conductors up to 12 AWG and can be reused. Insert the stripped stranded conductors into connector easily with the operating tool. **18 AWG and larger solid conductors do not require the operating tool.** An operating tool is available upon request.

- Polycarbonate and Polyamide 66, Flame Retardant to UL94V0.
- Working Temperature: 105°C (221°F) UL.
- Rated to 600 Volt maximum for building wiring and **1,000 Volt maximum for lighting fixtures and signs.**
- UL/cUL Certified, CE, RoHS Compliant.



| PART NO. | POLES | COLOR | RATINGS & WIRE RANGE | PACK QTY |
|------------|-------|--------|---|----------|
| SPEEDE3RLS | 3 | Orange | UL: 600 V 20 – 12 AWG, Sol Cu 22 – 16 AWG, Str Cu | 100 |

INSTALLATION



CONNECTORS

SPEED-E CONNECTORS

Speed-E Connectors efficiently create a secure electrical connection. Replacing the role of wire nuts, push-in connectors require less motion and more easily creates a multi-wire splice. A color-coded clear shell offers visual verification of the connection. Rated 24amps, 105°C, 600V maximum for building wire and 1000V maximum for lighting fixtures/luminaires and signs, 22-12AWG Sol Cu / 18-12AWG Str Cu.



| PART NO. | NO. OF POSITIONS | COLOR | DIMENSIONS | | |
|----------|------------------|--------|------------|--------|--------|
| | | | 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 |

PARALLEL CONNECTORS



| WIRE SIZE | NON-INSULATED | VINYL BUTTED SEAM FLARED | VINYL TUBULAR FLARED | NYLON STRAIGHT TUBULAR | NYLON FLARED BUTTED SEAM | NYLON FLARED TUBULAR | NYLON WINDOW WITH SLEEVE | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|--------------------------|----------------------|------------------------|--------------------------|----------------------|--------------------------|-----------------|-----------------|-------------|
| 22-16 | AP/J | - | AFVP/J | ANP/J | - | AFNP | - | - | - | - |
| 16-14 | BP/J | - | BFVP/J | BNP/J | - | BFNP | - | BNPT/J | - | - |
| 12-10 | DP/J | - | DFVP/J | DNP/J | - | DFNP | - | DPNPT/J | - | - |
| 22-16 | APC/J | AFVPCR2 | - | - | AFNPC | - | - | - | - | - |
| 16-14 | BPC/J | BFV LPC | - | - | BFNPC | - | - | - | - | - |
| 12-10 | DPC/J | DFV LPC | - | - | DFNPC/J | - | - | - | - | - |

BUTT CONNECTORS



| WIRE SIZE | NON-INSULATED | VINYL BUTTED SEAM FLARED | VINYL TUBULAR FLARED | NYLON STRAIGHT BUTTED SEAM | NYLON STRAIGHT TUBULAR | NYLON FLARED BUTTED SEAM | NYLON FLARED TUBULAR | NYLON WINDOW WITH SLEEVE | HIGH TEMP 650°F | HIGH TEMP 900°F | HEAT SHRINK |
|-----------|---------------|--------------------------|----------------------|----------------------------|------------------------|--------------------------|----------------------|--------------------------|-----------------|-----------------|-------------|
| 22-16 | AC | AFVCWS | AFVC | ANCL | - | AFNC | AFNC/J | ANDCW | ACNPT | AWSCHT | HSC2216 |
| 16-14 | BC | BFVCWS | BFVC | BNCL | - | BFNC/J | BFNC/J | BNDCW | BCNPT | BWS4HT | HSC1614 |
| 12-10 | DC | CFVCWS | DFVC | DNCL | - | DFNC/J | DFNC/J | DNDCW | DCNPT | DWS4HT | HSC1210 |
| 26-22 | EC | - | - | - | - | - | - | - | - | - | HSC2622 |

8-600MCM BUTT CONNECTORS



| GAUGE | NON-INSULATED VINYL | INSULATED VINYL |
|--------|---------------------|-----------------|
| 8 | C8R1 | FVC8R1 |
| 6 | C6R1 | FVC6R1 |
| 4 | C4R1 | - |
| 2 | C2R1 | - |
| 1/0 | C1/0R1 | - |
| 2/0 | C2/0R1 | - |
| 3/0 | C3/0R1 | - |
| 4/0 | C4/0R1 | - |
| 300MCM | C150R1 | - |
| 350MCM | C200R1 | - |
| 500MCM | C250R1 | - |
| 600MCM | C300R1 | - |



8-500MCM PARALLEL CONNECTORS



| GAUGE | PART NO. |
|------------|----------|
| 8 | P8R1 |
| 6 | P6R1 |
| 4 | P4R1 |
| 2 | P2R1 |
| 1/0 | P1/0R1 |
| 2/0 | P2/0R1 |
| 3/0 | P3/0R1 |
| 4/0 | P4/0R1 |
| 250-300MCM | P150R1/J |
| 350MCM | P250R1/J |
| 400-500MCM | P300R1 |

SOLDERING TYPE HEAT SHRINKABLE BUTT CONNECTORS



|  |  | PART NO. | GAUGE | COLOR |
|---|---|----------|-----------|--------|
| • | • | HELA5-20 | 22-24 AWG | CLEAR |
| • | • | HELA5-16 | 18-20 AWG | RED |
| • | • | HELA5-14 | 14-16 AWG | BLUE |
| | • | HELA5-10 | 10-12 AWG | YELLOW |

MALE BULLET CONNECTORS



| WIRE SIZE | DIAMETER (IN) | VINYL FULLY INSULATED | VINYL FULLY INSULATED SUPPORT SLEEVE |
|-----------|---------------|-----------------------|--------------------------------------|
| 22-16 | 0.156 | AFVGMT5 | AFVDGMT5 |
| 16-14 | 0.156 | BFVGMT5 | BFVDGMT5 |
| 12-10 | 0.156 | - | DFVD6MTSTOR |

FEMALE BULLET CONNECTORS



| WIRE SIZE | DIAMETER (IN) | VINYL FULLY INSULATED | VINYL FULLY INSULATED SUPPORT SLEEVE |
|-----------|---------------|-----------------------|--------------------------------------|
| 22-16 | 0.156 | ACVGFT5 | ACVDGFT5 |
| 16-14 | 0.156 | BCVGFT5 | BCVDGFT5 |
| 16-14 | 0.195 | - | BCVDGFT7 |
| 12-10 | 0.195 | DCVGFT7 | DCVDGFT7 |

CONNECTORS

FEMALE OPEN BARREL CONNECTORS



| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED |
|-----------|---------------|---------------|
| 24-20 | 0.110 x 0.020 | LTO01T110N |
| 22-18 | 0.205 X 0.032 | LTO21T205A |
| 20-16 | 0.110 x 0.020 | LTO41T110N |
| 20-16 | 0.187 x 0.020 | LTO41T187N |
| 22-18 | 0.250 x 0.032 | LTO21T250N/J |
| 18-14 | 0.250 x 0.032 | LTO61T250N/J |
| 14-10 | 0.250 x 0.032 | LTO81T250N/J |

OPEN BARREL CONNECTORS – WITH LOCKING TAB



| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED FEMALE | NON-INSULATED MALE |
|-----------|---------------|----------------------|--------------------|
| 22-20 | 0.110 x 0.020 | LTI01T110N/J | LIM01T110A/J |
| 22-18 | 0.250 X 0.032 | LTI21T250N | - |
| 20-16 | 0.110 x 0.020 | LTI41T110N/J | LIM41T110B/J |
| 20-14 | 0.250 x 0.032 | LTI51T250N/J | LIM51T250N/J |
| 18-14 | 0.250 x 0.032 | LTI61T250/J | LIM61T250/J |
| 12-10 | 0.250 x 0.032 | LTI81T250N | - |

PIGGYBACK CONNECTORS



| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED | VINYL BUTTED SEAM | VINYL SUPPORT SLEEVE | NYLON INSULATED SUPPORT SLEEVE |
|-----------|---------------|---------------|-------------------|----------------------|--------------------------------|
| 22-16 | 0.250 x 0.032 | ADFMT250A | AFVDFMT250A | AFVDDFMT250A | AFNDDFMT250A |
| 16-14 | 0.250 X 0.032 | BDFMT250A | BFVDFMT250A | BFVDDFMT250A | BFNDDFMT250A |
| 12-10 | 0.250 x 0.032 | DDFMT250A | DFVDFMT250A | DFVDDFMT250A | DFNDDFMT250A |

QUICK-TAP SPLICE CONNECTORS



| COLOR | TYPE | PART NO. |
|--------|-------------|----------|
| RED | TAP | TP18R1 |
| BLUE | TAP | TP14M |
| YELLOW | TAP | TP10 |
| WHITE | THROUGH TAP | TH14 |

NON-INSULATED MALE/FEMALE DISCONNECTS



| TAB SIZE (IN) | FEMALE DISCONNECT | MALE DISCONNECT |
|---------------|-------------------|-----------------|
| 0.250 x 0.032 | 1DF2DM250 | 2DM1DF250 |

FEMALE FLAG DISCONNECTS



| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED | NYLON INSULATED | METAL STRIP |
|-----------|---------------|---------------|-----------------|----------------|
| 22-16 | 0.187 x 0.020 | DF22181ST5 | FNDF22181ST5 | FNDF22181ST5MS |
| 22-16 | 0.187 X 0.032 | DF22181ST8 | FNDF22181ST8 | FNDF22181ST8MS |
| 22-16 | 0.250 x 0.032 | DF22181T | FNDF22181T | FNDF22181TMS |
| 16-14 | 0.187 x 0.020 | DF18141ST | FNDF18141ST5 | FNDF18141ST5MS |
| 16-14 | 0.187 x 0.032 | DF18141ST8 | FNDF18141ST8 | FNDF18141ST8MS |
| 16-14 | 0.250 x 0.032 | DF18141T | FNDF18141T | FNDF18141TMS |
| 12-10 | 0.250 x 0.032 | DF1210T250 | - | - |

INSULATING SLEEVES FOR DISCONNECTS



| TYPE | TAB WIDTH (IN) | ENTRY DIAMETER (mm) | PART NO. |
|----------|----------------|---------------------|------------|
| STRAIGHT | 0.187 | 3 | KF1830 |
| STRAIGHT | 0.25 | 2.8 | KF2528 |
| STRAIGHT | 0.25 | 3.2 | KF2532 |
| STRAIGHT | 0.25 | 3.8 | KF2538 |
| FLAG | 0.187 | 3 | KFF183012M |
| FLAG | 0.187 | 3.2 | KFF1832 |
| FLAG | 0.25 | 3.2 | KFF2532 |
| FLAG | 0.25 | 4 | KFF2540M |
| FLAG | 0.25 | 4.8 | KFF2548 |



Vulko-Wrap™ Insulating Tape 5 Roll Storage/Dispenser Box Available

Keep rolls protected and organized in a sturdy, reusable compact box. See page 30 for more info.

DISCONNECTS



FEMALE DISCONNECTS

| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED | NON-INSULATED SUPPORT SLEEVE | VINYL BUTTED SEAM | VINYL SUPPORT SLEEVE | VINYL FULLY INSULATED SUPPORT SLEEVE |
|-----------|---------------|---------------|------------------------------|-------------------|----------------------|--------------------------------------|
| 22-16 | 0.110 X 0.020 | ADFT110A5 | - | AFVDFT110A5 | AFVHDFT110A5 | - |
| 22-16 | 0.110 X 0.032 | ADFT110A8 | - | AFVDFT110A8 | AFVHDFT110A8 | - |
| 22-16 | 0.187 X 0.020 | ADFT187A5 | - | AFVDFT187A5 | AFVHDFT187A5 | ALVHDFT187A5 |
| 22-16 | 0.187 X 0.032 | ADFT187A8 | - | AFVDFT187A8 | AFVHDFT187A8 | ALVHDFT187A8 |
| 22-16 | 0.250 X 0.032 | ADFT250A | - | AFVDFT250A | AFVHDFT250A | ALVHDFT250A |
| 16-14 | 0.187 X 0.020 | - | - | BFVDFT187A5 | BFVHDFT187A5 | BLVHDFT187A5 |
| 16-14 | 0.187 x 0.032 | - | - | BFVDFT187A8 | BFVHDFT187A8 | BLVHDFT187A8 |
| 16-14 | 0.250 x 0.032 | - | - | BFVDFT250A | BFVHDFT250A | BLVHDFT250A |
| 12-10 | 0.250 x 0.032 | - | - | DFVDFT250A | DFVDDFT250A | DLVDDFT250A |

| WIRE SIZE | TAB SIZE (IN) | PC INSULATED SUPPORT SLEEVE | PC FULLY INSULATED SUPPORT SLEEVE | NYLON COUPLER | HEAT SHRINK | HEAT SHRINK SUPPORT SLEEVE |
|-----------|---------------|-----------------------------|-----------------------------------|---------------|-------------|----------------------------|
| 22-16 | 0.110 x 0.020 | AFNDDFT110A5 | ALNDDFT110A5 | - | - | - |
| 22-16 | 0.110 X 0.032 | AFNDDFT110A8 | ALNDDFT110A8 | - | - | - |
| 22-16 | 0.187 X 0.020 | AFNDDFT187A5 | ALNDDFT187A5 | - | - | - |
| 22-16 | 0.187 X 0.032 | AFNDDFT187A8 | ALNDDFT187A8 | - | - | - |
| 22-16 | 0.250 X 0.032 | AFNDDFT250A | ALNDDFT250A | ALNDF250H | AHSLDFT250A | AHSDFT250A |
| 16-14 | 0.187 X 0.020 | BFNDDFT187A5 | BLNDDFT187A5TOR | - | - | - |
| 16-14 | 0.187 x 0.032 | BFNDDFT187A8 | BLNDDFT187A8 | - | - | - |
| 16-14 | 0.250 x 0.032 | BFNDDFT250A | BLNDDFT250A | BLNDF250H | BHSLDFT250A | BHSDFT250A |
| 12-10 | 0.250 x 0.032 | DFNDDFT250A | DLNDDFT250A | DLNDF250H | DHSLDFT250A | DHSDFT250A |

FEMALE DISCONNECTS — METAL STRIP MOUNTED



| WIRE SIZE | TAB SIZE (IN) | PART NO. |
|-----------|---------------|----------------|
| 22-16 | 0.250 x 0.032 | DF22161TMS |
| 20-14 | 0.250 x 0.032 | DF20141TMS |
| 22-16 | 0.187 x 0.020 | DF22161ST5MS |
| 22-16 | 0.187 x 0.032 | DFOS22161ST8MS |
| 18-12 | 0.250 x 0.032 | DFH18121TMS |
| 22-18 | 0.205 x 0.020 | DFOS22181MT5MS |
| 20-14 | 0.250 x 0.032 | DFOS20141TMS |

MALE DISCONNECTS



| WIRE SIZE | TAB SIZE (IN) | NON-INSULATED | NON-INSULATED SUPPORT SLEEVE | VINYL BUTTED SEAM | VINYL SUPPORT SLEEVE | VINYL FULLY INSULATED SUPPORT SLEEVE |
|-----------|---------------|---------------|------------------------------|-------------------|----------------------|--------------------------------------|
| 22-16 | 0.110 x 0.020 | - | - | - | - | - |
| 22-16 | 0.110 X 0.032 | - | - | - | - | - |
| 22-16 | 0.187 X 0.020 | - | - | - | - | - |
| 22-16 | 0.187 X 0.032 | - | - | - | - | - |
| 22-16 | 0.250 X 0.032 | ADMT250 | ADDMT2505.9/J | - | AFVDDMT250 | - |
| 16-14 | 0.187 X 0.020 | BDMT187A5 | - | - | - | - |
| 16-14 | 0.187 x 0.032 | BDMT187A8 | - | - | - | - |
| 16-14 | 0.250 x 0.032 | BDMT250 | BDDMT2505.9/J | - | BFVDDMT250 | - |
| 12-10 | 0.250 x 0.032 | DDMT250 | DDDMT2506.9/J | - | DFVDDMT250 | - |

| WIRE SIZE | TAB SIZE (IN) | PC INSULATED SUPPORT SLEEVE | PC FULLY INSULATED SUPPORT SLEEVE | NYLON COUPLER | HEAT SHRINK | HEAT SHRINK SUPPORT SLEEVE |
|-----------|---------------|-----------------------------|-----------------------------------|---------------|-------------|----------------------------|
| 22-16 | 0.110 X 0.020 | - | - | - | - | - |
| 22-16 | 0.110 X 0.032 | - | - | - | - | - |
| 22-16 | 0.187 X 0.020 | - | - | - | - | - |
| 22-16 | 0.187 X 0.032 | - | - | - | - | - |
| 22-16 | 0.250 X 0.032 | - | - | ALNDM250H | AHSDMT250 | AHSLDMT250 |
| 16-14 | 0.187 X 0.020 | - | - | - | - | - |
| 16-14 | 0.187 x 0.032 | - | - | - | - | - |
| 16-14 | 0.250 x 0.032 | - | - | BLNDM250H | BHSDMT250 | BHSLDMT250 |
| 12-10 | 0.250 x 0.032 | - | - | DLNDM250H | DHSDMT250 | DHSLDMT250 |

MALE DISCONNECTS – METAL STRIP MOUNTED



| WIRE SIZE | TAB SIZE (IN) | PART NO. |
|-----------|---------------|--------------|
| 22-16 | 0.110 x 0.020 | MI2216T110MS |
| 20-16 | 0.250 x 0.020 | MI2216T250MS |
| 20-14 | 0.250 x 0.032 | MI2014T250MS |

SINGLE INSULATED FERRULES



| PART NO. | WIRE SIZE | COLOR |
|-----------|-----------|------------|
| FEB268 | 26 AWG | LIGHT BLUE |
| FEV268 | 26 AWG | VIOLET |
| FEB248 | 24 AWG | TURQUOISE |
| FEP248 | 24 AWG | PINK |
| FEO228 | 22 AWG | ORANGE |
| FEW228 | 22 AWG | WHITE |
| FEB208 | 20 AWG | BLUE |
| FEW208 | 20 AWG | WHITE |
| FEG208 | 20 AWG | GRAY |
| FER188 | 18 AWG | RED |
| FEY188 | 18 AWG | YELLOW |
| FEBK168 | 16 AWG | BLACK |
| FER168 | 16 AWG | RED |
| FEG148 | 14 AWG | GRAY |
| FEB148 | 14 AWG | BLUE |
| FEO1212 | 12 AWG | ORANGE |
| FEG1212 | 12 AWG | GRAY |
| FEFN1012 | 10 AWG | OLIVE |
| FEBK1012 | 10 AWG | BLACK |
| FEY1012 | 10 AWG | YELLOW |
| FEBR812 | 8 AWG | BROWN |
| FEI812 | 8 AWG | IVORY |
| FER812 | 8 AWG | RED |
| FEI612 | 6 AWG | IVORY |
| FEFN612 | 6 AWG | GREEN |
| FEB612 | 6 AWG | BLUE |
| FEBK416 | 4 AWG | BLACK |
| FEY416 | 4 AWG | YELLOW |
| FER216 | 2 AWG | RED |
| FEB1/020 | 1/0 AWG | BLUE |
| FEFN1/020 | 1/0 AWG | OLIVE |
| FEY2/020 | 2/0 AWG | YELLOW |

SPEED-EASE™ FERRULES

High quality tin plated ferrules are available in non-insulated or insulated styles for use in terminal blocks to avoid direct contact with wire and avoid the possibility of wire strand breakage. Available in wire sizes 26-2/0 AWG.

- No more frayed or broken wires
- Tin plated copper barrel with nylon insulation
- 105°C (221°F) / 300 Volts

NON-INSULATED FERRULES



| PART NO. | WIRE SIZE |
|----------|-----------|
| FE226 | 22 AWG |
| FE206 | 20 AWG |
| FE186 | 18 AWG |
| FE167 | 16 AWG |
| FE147 | 14 AWG |
| FE1212 | 12 AWG |
| FE1010 | 10 AWG |
| FE815 | 8 AWG |
| FE615 | 6 AWG |
| FE418 | 4 AWG |
| FE1/022 | 1/0 AWG |
| FE2/025 | 2/0 AWG |
| FE3/025 | 3/0 AWG |

STRAIN RELIEFS & BUSHINGS

STRAIN RELIEFS

| PART NO. | TYPE | UL WIRE | MOUNT HOLE DIM. |
|------------|--------|--------------|-----------------|
| FSTRB2 | FLAT | SPT-1 | 9.5 x 8.7 mm |
| FSTRB3 | FLAT | SPT-1 | 11 X 9.9 mm |
| FSTRB3HD | FLAT | SPT-1 | 11 x 9.9 mm |
| FSTRB4 | FLAT | SPT-2 | 12.7 x 11.8 mm |
| FSTRB4HD | FLAT | SPT-2 | 12.7 x 11.8 mm |
| RSTRB5 | ROUND | SVI SVT | 12.7 x 11.5 mm |
| RSTRB5HD | ROUND | SVI SVT | 12.7 x 11.5 mm |
| RSTRB6 | ROUND | SJT 3C#18 | 15.9 x 14 mm |
| RSTRB616 | ROUND | SJT 3C#16 | 15.9 x 14 mm |
| RSTRB6HD | ROUND | SJT 3C#18 | 15.9 x 14 mm |
| RSTRB7 | ROUND | SJT 3C#14 | 19 x 16.8 mm |
| RSTRB7HD | ROUND | SJT SC #14 | 19 x 16.8 mm |
| RSTRB8HD | ROUND | SJT 3C#12 | 22.2 x 21.3 mm |
| RSTRB9 | SWITCH | #18 22-36PCS | 19 x 19 mm |
| RSTRB6HD16 | ROUND | SJT3C#16 | 15.9 x 14 mm |



Strain reliefs are used extensively for protecting the cords of appliances, computers, and other electrical and electronic devices.

- Cuts assembly costs
- Prolongs cord life
- 6/6 Nylon, UL94V2, Black

These are also available in white as a special order item, for more information contact sales@hoffmanproducts.com.

BLACK SNAP BUSHINGS

| PART NO. | TYPE | MOUNT HOLE DIM. |
|----------|-------------|-----------------|
| HSBB8 | CLOSED | 7.8 mm |
| HSBB10 | CLOSED | 9.5 mm |
| HSBB13 | CLOSED | 12.7 mm |
| HSBB16 | CLOSED | 15.9 mm |
| HSBB19 | CLOSED | 19 mm |
| HSBB22 | CLOSED | 22 mm |
| HSBB26 | CLOSED | 25 mm |
| HSBB30 | CLOSED | 29.7 mm |
| HSBBOC10 | OPEN/CLOSED | 9.5 mm |
| HSBBOC13 | OPEN/CLOSED | 12.7 mm |
| HSBBOC16 | OPEN/CLOSED | 15.9 mm |
| HSBBOC19 | OPEN/CLOSED | 19 mm |
| HSBBOC22 | OPEN/CLOSED | 22.2 mm |
| HSBBOC26 | OPEN/CLOSED | 25.5 mm |



Black snap bushings are designed to protect electrical cables, ropes and utility lines fed through the metal holes. The open/closed version allows you to install the bushing after the cable is installed.

- Smooth and insulate raw-edged holes in metal chassis
- Lock firmly into the hole with fingertip pressure
- 6/6 Nylon, UL94V2, Black

These are also available in white as a special order item, for more information contact sales@hoffmanproducts.com.

CABLE GLANDS — ARMORED

ARMORED CABLE GLANDS FOR HAZARDOUS AREAS

- Dual seal on inner and outer jacket of the cable
- Armor acceptance range from 0-0.10" (0-2.5 mm)
- Maximum clamping range — up to 3.75" (95 mm)
- Innovative "Interlocking Armor Cone" — Safe assembly
- Zero torsion on cable cores and armor
- Knurled grip profile provides quicker hand assembly time
- Fewer parts with maximum grip
- Approved to the latest IECEx, ATEX, Ex-e and Ex-d standards
- Zone 1, Zone 2, Zone 20, Zone 21 and Zone 22
- Gas Groups IIA, IIB and IIC— Apparatus Group III
- Equipment Protection Level GbDa
- IP 68 5 bar, EN 60529
- Temperature range -60°C to +105°C (-76°F to 221°F)
- Halogen and phosphorous free
- Silicone Seals and O-Rings: Ideal in low temperature applications

NOTE: Parts listed on this page are brass, as indicated by the part number ending **BB**. For nickel plated brass, order part number ending **BR**. For stainless steel, order part number ending **SS**. For nickel plated brass threads with brass body, order part number ending **B1**. Accessories available.

METRIC BRASS CABLE GLANDS



| CABLE OD | PART NO. | GLAND SIZE | THREAD TYPE & SIZE (AG) |
|-------------------------------|-----------|------------|-------------------------|
| 0.24 - 0.47" (6 - 12 mm) | YE16MK-BB | 20-1 | M16 x 1.5" |
| 0.24 - 0.47" (6 - 12 mm) | YE20MK-BB | 20-1 | M20 X 1.5" |
| 0.35 - 0.63" (9 - 16 mm) | YE20MM-BB | 20-2 | M20 x 1.5" |
| 0.49 - 0.81" (12.5 - 20.5 mm) | YE20ML-BB | 20-3 | M20 x 1.5" |
| 0.49 - 0.81" (12.5 - 20.5 mm) | YE25MK-BB | 20-3 | M25 x 1.5" |
| 0.67 - 1.02" (16.9 - 26 mm) | YE25MM-BB | 25 | M25 x 1.5" |
| 0.87 - 1.30" (22 - 33 mm) | YE32MK-BB | 32 | M32 x 1.5" |
| 1.10 - 1.61" (28 - 41 mm) | YE40MK-BB | 40 | M40 x 1.5" |
| 1.42 - 2.07" (36 - 52.6 mm) | YE50MK-BB | 50 | M50 x 1.5" |
| 1.81 - 2.57" (46 - 65.3 mm) | YE63MK-BB | 63 | M63 x 1.5" |
| 1.81 - 2.57" (46 - 65.3 mm) | YE75MK-BB | 75 | M75 x 1.5" |

NPT BRASS CABLE GLANDS



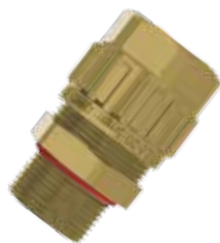
| CABLE OD | PART NO. | GLAND SIZE | THREAD TYPE & SIZE (AG) |
|-------------------------------|-----------|------------|-------------------------|
| 0.24 - 0.47" (6 - 12 mm) | YE09NK-BB | 20-1 | 3/8" |
| 0.35 - 0.63" (9 - 16 mm) | YE13NM-BB | 20-2 | 1/2" |
| 0.49 - 0.81" (12.5 - 20.5 mm) | YE13NL-BB | 20-3 | 1/2" |
| 0.67 - 1.02" (16.9 - 26 mm) | YE21NK-BB | 25 | 3/4" |
| 0.87 - 1.30" (22 - 33 mm) | YE29NK-BB | 32 | 1" |
| 0.87 - 1.30" (22 - 33 mm) | YE29LK-BB | 40 | 1-1/4" |
| 1.10 - 1.61" (28 - 41 mm) | YE36NK-BB | 40 | 1-1/2" |
| 1.42 - 2.07" (36 - 52.6 mm) | YE50NK-BB | 50 | 2" |
| 1.81 - 2.57" (46 - 65.3 mm) | YE52NK-BB | 63 | 2-1/2" |
| 2.24 - 3.07" (57 - 78 mm) | YE30NK-BB | 75 | 3" |
| 1.81 - 2.57" (46 - 65.3 mm) | YE75MK-BB | 75 | M75 x 1.5" |

| MECHANICAL DATA | MATERIALS & TECHNICAL DATA |
|--------------------|------------------------------------|
| Material | Brass, Nickel Plated Brass |
| Seals / O-Rings | SILICONE, VMQ |
| Clamping Insert | PA 6 Fire Protection Class V2 UL94 |
| Armor | Metallic Armor or Screen |
| Temperature Rating | -60°C to 105°C (-76°F to 221°F) |
| Protection | IP 68 5 bar |

CABLE GLANDS – NON-ARMORED

NON-ARMORED CABLE GLANDS FOR HAZARDOUS AREAS

- Ex-e and Ex-d strain relief for non-armored cable
- Approvals and certifications: ATEX/IECEX, UL/UR, CE, CSA, Gost and German Lloyd
- NEMA 4x and 6 (IP 67/68) Liquid tight – submersible to 300 feet
- IP69K rated – ideal in splash or hose down applications
- Patented form seal allows 150 PSIG (10 BAR) rating – highest in industry
- VO flame rating according to UL94 – halogen and phosphorus free – non-toxic
- RoHS and Deca BDE – environmentally compliant to the newest standards
- Large cable range: 0.08" - 1.26" (2 – 32 mm)
- Non-corrosive: resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, ether, gasoline and mineral, animal and vegetable oil



NON-ARMORED HAZARDOUS CABLE GLANDS

| CABLE OD | THREAD TYPE & SIZE | NYLON | NICKEL PLATED BRASS | ELONGATED |
|-----------------------------|--------------------|-----------|---------------------|-----------|
| 0.12" - 0.26" (3 - 6.5 mm) | M12 | CD12MA-BX | CD12MA-MX | CD12DA-MX |
| 0.08" - 0.20" (2 - 5 mm) | M12 | CD12MR-BX | CD12MR-MX | CD12DR-MX |
| 0.16" - 0.31" (4 - 8 mm) | M16 | CD16MA-BX | CD16MA-MX | CD16DA-MX |
| 0.12" - 0.24" (3 - 6 mm) | M16 | CD16MR-BX | CD16MR-MX | CD16DR-MX |
| 0.20" - 0.39" (5 - 10 mm) | M16 LRG | CD17MA-BX | CD17MA-MX | CD17DA-MX |
| 0.11" - 0.27" (3 - 7 mm) | M16 LRG | CD17MR-BX | CD17MR-MX | CD17DR-MX |
| 0.26" - 0.47" (6.5 - 12 mm) | M20 | CD20MA-BX | CD20MA-MX | CD20DA-MX |
| 0.20" - 0.35" (5 - 9 mm) | M20 | CD20MR-BX | CD20MR-MX | CD20DR-MX |
| 0.39" - 0.55" (10 - 14 mm) | M20 LRG | CD22MA-BX | CD22MA-MX | CD22DA-MX |
| 0.28" - 0.47" (7 - 12 mm) | M20 LRG | CD22MR-BX | CD22MR-MX | CD22DR-MX |
| 0.51" - 0.71" (13 - 18 mm) | M25 | CD25MA-BX | CD25MA-MX | CD25DA-MX |
| 0.35" - 0.63" (9 - 16 mm) | M25 | CD25MR-BX | CD25MR-MX | CD25DR-MX |
| 0.71" - 0.98" (18 - 25 mm) | M32 | CD32MA-BX | CD32MA-MX | CD32DA-MX |
| 0.51" - 0.79" (13 - 20 mm) | M32 | CD32MR-BX | CD32MR-MX | CD32DR-MX |
| 0.87" - 1.26" (22 - 32 mm) | M40 | CD40MA-BX | CD40MA-MX | CD40DA-MX |
| 0.79" - 1.02" (20 - 26 mm) | M40 | CD40MR-BX | CD40MR-MX | CD40DR-MX |
| 1.26" - 1.50" (32 - 38 mm) | M50 | CD50MA-BX | CD50MA-MX | CD50DA-MX |
| 0.98" - 1.22" (25 - 31 mm) | M50 | CD50MR-BX | CD50MR-MX | CD50DR-MX |
| 1.46" - 1.73" (37 - 44 mm) | M63 | CD63MA-BX | CD63MA-MX | CD63DA-MX |
| 1.14" - 1.38" (39 - 35 mm) | M63 | CD63MR-BX | CD63MR-MX | CD63DR-MX |
| 0.16" - 0.31" (4 - 8 mm) | 3/8" | CD09NA-BX | CD09NA-MX | - |
| 0.08" - 0.24" (2 - 6 mm) | 3/8" | CD09NR-BX | CD09NR-MX | - |
| 0.24" - 0.47" (6 - 12 mm) | 1/2" | CD13NA-BX | CD13NA-MX | - |
| 0.20" - 0.35" (5 - 9 mm) | 1/2" | CD13NR-BX | CD13NR-MX | - |
| 0.39" - 0.55" (10 - 14 mm) | 1/2" | CD16NA-BX | - | - |
| 0.28" - 0.47" (7 - 12 mm) | 1/2" | CD16NR-BX | - | - |
| 0.51" - 0.71" (13 - 18 mm) | 3/4" | CD21NA-BX | CD21NA-MX | - |
| 0.35" - 0.63" (9 - 16 mm) | 3/4" | CD21NR-BX | CD21NR-MX | - |
| 0.71" - 0.98" (18 - 25 mm) | 1" | CD29NA-BX | CD29NA-MX | - |
| 0.51" - 0.79" (13 - 20 mm) | 1" | CD29NR-BX | CD29NR-MX | - |
| 0.71" - 0.98" (18 - 25 mm) | 1 1/4" | CD29NA-BX | - | - |
| 0.51" - 0.79" (13 - 20 mm) | 1 1/4" | CD29NR-BX | - | - |
| 0.87" - 1.26" (22 - 32 mm) | 1 1/2" | CD36NA-BX | - | - |
| 0.79" - 1.02" (20 - 26 mm) | 1 1/2" | CD36NR-BX | - | - |

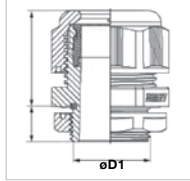
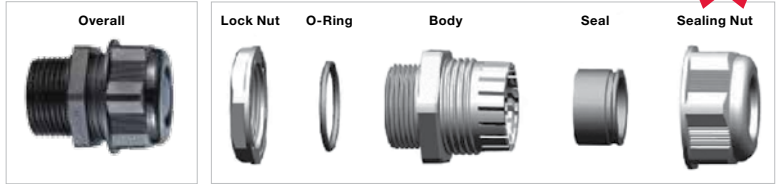
CABLE GLANDS



WATERPROOF NYLON CABLE GLANDS – UL LISTED, CSA, IP68, CE, RoHS COMPLIANT

- Easy handling for quick installations
- Gripping fingers on the washer applies even compression around the grommet
- Grommet is notched and holds firmly in place
- Grooved body allows the O-Ring to seat tightly

Applications: Indoor and outdoor use, control cabinets, instrumentation, food processing equipment, sensor equipment, wind turbines, and solar panels.



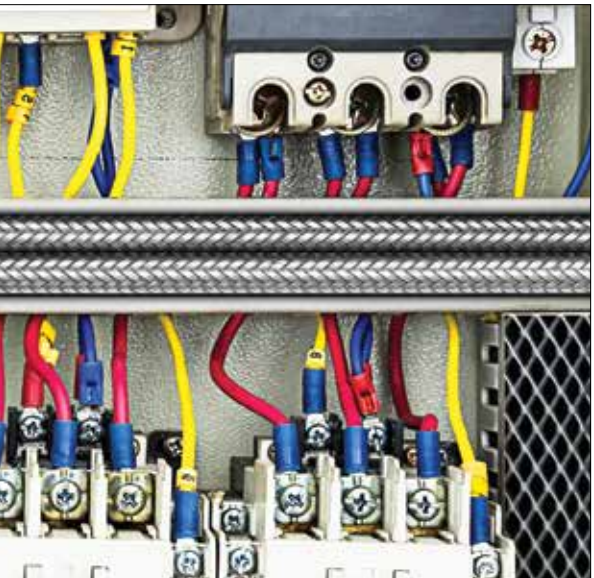
- Material: Nylon, UL 94
- Seal & O-Ring: EPDM
- Working Temperature: -40°C to 100°C
- Color: Black

| NPT THREAD | | | | |
|------------|--------------|---------------------|------------|--------------|
| PART NO. | THREAD RANGE | D1 CABLE RANGE (IN) | PACK (PCS) | CARTON (PCS) |
| N3808B | 3/8" NPT | 0.16 - 0.31 | 100 | 5000 |
| N3806B | 3/8" NPT | 0.08 - 0.24 | 100 | 5000 |
| N12612B | 1/2" NPT | 0.24 - 0.47 | 100 | 2000 |
| N1209B | 1/2" NPT | 0.20 - 0.35 | 100 | 2000 |
| N1214B | 1/2" NPT | 0.39 - 0.55 | 100 | 1800 |
| N3418B | 3/4" NPT | 0.51 - 0.71 | 100 | 1500 |
| N3416B | 3/4" NPT | 0.35 - 0.63 | 100 | 1500 |
| N10025B | 1" NPT | 0.71 - 0.98 | 50 | 500 |
| N10020B | 1" NPT | 0.51 - 0.79 | 50 | 500 |
| N38-LNB | 3/8" NPT | Locknut | - | - |
| N12-LNB | 1/2" NPT | Locknut | - | - |
| N34-LNB | 3/4" NPT | Locknut | - | - |
| N100-LNB | 1" NPT | Locknut | - | - |

| METRIC THREAD | | | | |
|---------------|--------------|---------------------|------------|--------------|
| PART NO. | THREAD RANGE | D1 CABLE RANGE (mm) | PACK (PCS) | CARTON (PCS) |
| M1207B | M12 X 1.5 | 3-6.5 | 100 | 5000 |
| M1205B | M12 X 1.5 | 2-5 | 100 | 5000 |
| M1608B | M16 X 1.5 | 4-8 | 100 | 2000 |
| M1606B | M16 X 1.5 | 2-6 | 100 | 2000 |
| M2012B | M20 X 1.5 | 6-12 | 100 | 1500 |
| M2009B | M20 X 1.5 | 5-9 | 100 | 1500 |
| M2014B | M20 X 1.5 | 10-14 | 50 | 1500 |
| M2518B | M25 X 1.5 | 13-18 | 50 | 1000 |
| M2516B | M25 X 1.5 | 9-16 | 50 | 1000 |
| M12-LNB | M12 X 1.5 | Locknut | - | - |
| M16-LNB | M16 X 1.5 | Locknut | - | - |
| M20-LNB | M20 X 1.5 | Locknut | - | - |
| M25-LNB | M25 X 1.5 | Locknut | - | - |

EVERYTHING YOU NEED TO GET THE JOB DONE!

Hoffman Products has cultivated a culture of excellence in its 50 years of business to meet the needs of the discerning buyer. As a TPC Wire & Cable Corp. Brand, Hoffman Products continues to add relevant new product for domestic manufacturers such as the Speed-Ease™ and Speed-E line of connectors, alligator clips, cable glands, strain reliefs, Vulko-Wrap™ silicone tape and terminal blocks.



ALLIGATOR CLIPS

Hoffman Products' charging clips, alligator clips and insulators are ideal for making temporary connections. Copper and nickel plated clips are available with or without insulation.



CHARGING CLIPS

| PART NO. | AMPS | JAW SPREAD LENGTH (IN) | INSULATION | WITH SCREW |
|------------|------|------------------------|------------|------------|
| T510 | 10 | 0.39 | NONE | NO |
| T510S | 10 | 0.39 | NONE | YES |
| T510SB | 10 | 0.39 | BLACK | YES |
| T510SR | 10 | 0.51 | RED | YES |
| T520S | 20 | 0.51 | NONE | YES |
| T550 | 50 | 0.51 | NONE | YES |
| T550SB | 50 | 0.51 | BLACK | YES |
| T550SR | 50 | 0.51 | RED | YES |
| T615 | 15 | 0.39 | NONE | NO |
| T615B | 15 | 0.39 | BLACK | NO |
| T615R | 15 | 0.39 | RED | NO |
| T6410C* | 100 | 0.866 | NONE | NO |
| T6410CB* | 100 | 0.866 | BLACK | NO |
| T6410CR* | 100 | 0.866 | RED | NO |
| T641CP | 30 | 0.433 | NONE | NO |
| T641CPB | 30 | 0.433 | BLACK | NO |
| T641CPR | 30 | 0.433 | RED | NO |
| T641CPC* | 75 | 0.433 | NONE | NO |
| T641CPCB1* | 75 | 0.433 | BLACK | NO |
| T641CPCR1* | 75 | 0.433 | RED | NO |

* Material is Copper, 176°C

STANDARD ALLIGATOR CLIPS



| PART NO. | AMPS | JAW SPREAD LENGTH (IN) | INSULATION |
|----------|------|------------------------|------------|
| T115SR | 10 | 0.509 | RED |
| T115SB | 10 | 0.509 | BLACK |
| T154 | 5 | 0.138 | NONE |
| T160 | 10 | 0.157 | NONE |
| T160R | 10 | 0.157 | RED |
| T160B | 10 | 0.157 | BLACK |

For clip with a screw add **S** to part number, i.e. **T160S**.
For copper plating add **C** to part number, i.e. **T160C**.

INSULATORS FOR STANDARD



| INSULATORS PART NO. | FOR CLIP PART NO. | COLOR |
|---------------------|-------------------|--------|
| T154INSB | T154 | BLACK |
| T154INSBL | T154 | BLUE |
| T154INSGR | T154 | GREEN |
| T154INSR | T154 | RED |
| T154INSY | T154 | YELLOW |
| T160INSB | T160 | BLACK |
| T160INSR | T160 | RED |
| T160INSW | T160 | WHITE |
| TS20INSR | T520 | RED |
| TS20INSB | T520 | BLACK |

WIRE BUNDLING

Hoffman Products' cable ties are quality products designed to provide application either by hand or tool. These self adjusting, self locking ties provide a permanent harness. They are designed to ensure a secure bundling system and are resistant to shock, vibration, petrochemicals and environmental extremes. They combine outstanding physical properties such as light weight, abrasion resistance, toughness, high tensile strength, exceptional dielectric properties and resilience to common solvents, alkalies, dilute acids, oils and greases. **Specifications:** Type 6/6 Nylon meets the UL94 V-2 flammability rating, self-extinguishing.

Black cable ties have the same resistance to petrochemicals as our 6/6 nylon cable ties, but are also UV protected, making black cable ties ideal for your outdoor applications. If corrosion is a concern, Hoffman Products' stainless steel cable ties offer a higher level of durability. You can save time and increase efficiency by using releasable cable ties. Hoffman Products' releasable cable ties offer all the advantages of standard cable ties, plus the ability to remove the cable tie without cutting, which makes the cable tie reusable.

CABLE TIES — STANDARD



| PART NO. (WHITE) | PART NO. (BLACK) | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) | PACK QTY |
|------------------|------------------|-------------|------------|------------------------|----------|
| CT4S | CT4SB | 4 | 0.1 | 18 | 100* |
| CT5.5S | CT5.5SB | 5.5 | 0.1 | 18 | 100* |
| CT5.5I | CT5.5IB | 5.5 | 0.14 | 40 | 100* |
| CT8I | CT8IB | 8 | 0.14 | 40 | 100* |
| CT11.8I | CT11.8IB | 11.8 | 0.14 | 40 | 100* |
| CT14.5I | CT14.5IB | 14.5 | 0.14 | 40 | 100* |
| CT4.7 | CT4.7B | 4.7 | 0.19 | 50 | 100* |
| CT7.3 | CT7.3B | 7.3 | 0.19 | 50 | 100* |
| CT11.3 | CT11.3B | 11.3 | 0.19 | 50 | 100* |
| CT14.5 | CT14.5B | 14.5 | 0.19 | 50 | 100* |
| CT8HD | CT8HDB | 8 | 0.3 | 120 | 100 |
| CT11.5HD | CT11.5HDB | 11.5 | 0.3 | 120 | 100 |
| CT14.5HD | CT14.5HDB | 14.5 | 0.3 | 120 | 100 |
| CT17EHD | CT17EHDB | 17 | 0.35 | 175 | 100 |
| CT20.7EHD | CT20.7EHDB | 20.7 | 0.35 | 175 | 100 |
| CT27.6EHD | CT27.6EHDB | 27.6 | 0.35 | 175 | 100 |
| CT36EHD | CT36EHDB | 36 | 0.35 | 175 | 100 |
| CT48EHD | CT48EHDB | 48 | 0.35 | 175 | 100 |

*Available in **1000 pack**. Add **M** to the end of the part number. For example: **CT4SB/M = 1000 pack in black**.

CABLE TIES — MARKER



| PART NO. | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) | PACK QTY |
|----------|-------------|------------|------------------------|----------|
| MKCT4S/M | 4 | 0.1 | 18 | 100 |
| MKCT8S/M | 8 | 0.1 | 18 | 100 |
| MKCT11.8 | 11.8 | 0.19 | 50 | 100 |
| MKCT14.5 | 14.5 | 0.19 | 50 | 100 |

CABLE TIES — RELEASABLE



| PART NO. | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) | PACK QTY |
|------------|-------------|------------|------------------------|----------|
| RCT8 | 8 | 0.19 | 50 | 100 |
| RCT11.7 | 11.7 | 0.19 | 50 | 100 |
| RCT14.5 | 14.5 | 0.19 | 50 | 100 |
| RCT11.3XHD | 11.3 | 0.51 | 250 | 100 |
| RCT15.4XHD | 15.4 | 0.51 | 250 | 100 |
| RCT27.6XHD | 27.6 | 0.51 | 250 | 100 |
| RCT31.6XHD | 31.6 | 0.51 | 250 | 100 |

CABLE TIES — STAINLESS STEEL SELF LOCKING



| PART NO. | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) |
|----------------|-------------|------------|------------------------|
| STCT5HD | 5 | 0.18 | 100 |
| STCT7.9HD | 7.9 | 0.18 | 100 |
| STCT14.2HD | 14.2 | 0.18 | 100 |
| STCT20.4HD | 20.4 | 0.18 | 100 |
| STCT26.8HD | 26.8 | 0.18 | 100 |
| STCT42HD/25 | 42 | 0.18 | 100 |
| STCT1200HD/25 | 47 | 0.18 | 100 |
| STCT5XHD/50 | 5 | 0.31 | 250 |
| STCT7.9XHD/50 | 7.9 | 0.31 | 250 |
| STCT14.2XHD/50 | 14.2 | 0.31 | 250 |
| STCT20.4XHD/50 | 20.4 | 0.31 | 250 |
| STCT26.8XHD/50 | 26.8 | 0.31 | 250 |
| STCT33XHD/50 | 33 | 0.31 | 250 |
| STCT47XHD/25 | 47 | 0.31 | 250 |

CABLE TIES — MOUNTING HEAD



| PART NO. | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) | PACK QTY |
|-----------|-------------|------------|------------------------|----------|
| MHT8I | 8 | 0.14 | 40 | 100 |
| MHT11.8 | 11.8 | 0.19 | 50 | 100 |
| MHT14.5 | 14.5 | 0.19 | 50 | 100 |
| MHT8.3HD | 8.3 | 0.3 | 120 | 100 |
| MHT11.8HD | 11.8 | 0.3 | 120 | 100 |
| MHT14.5HD | 14.5 | 0.3 | 120 | 100 |

WIRE BUNDLING

PUSH MOUNTS



| PART NO. | LENGTH (IN) | WIDTH (IN) | TENSILE STRENGTH (LBS) |
|--------------|-------------|------------|------------------------|
| PMCT6.1S(30) | 6.1 | 0.14 | 30 |
| PMCT7.9 | 7.9 | 0.19 | 30 |

MOUNTS



| PART NO. | LENGTH (IN) | WIDTH (IN) | HEIGHT (IN) |
|----------|-------------|------------|-------------|
| MT3/4 | 0.75 | 0.75 | 0.14 |
| MT1 | 1.1 | 1.1 | 0.16 |
| MT1B | 1.1 | 1.1 | 0.16 |

SADDLE MOUNTS



| PART NO. | LENGTH (IN) | WIDTH (IN) | HEIGHT (IN) |
|----------|-------------|------------|-------------|
| SMT1/M | 0.59 | 0.39 | 0.28 |
| SMT2 | 0.91 | 0.63 | 0.36 |
| SMT3/M | 0.75 | 0.37 | 0.2 |

CABLE CLAMPS



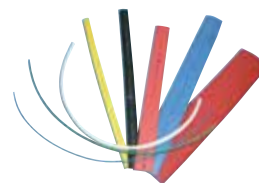
| PART NO. | LENGTH (IN) | WIDTH (IN) |
|----------|-------------|------------|
| CTCC1/8 | 0.2 | 0.51 |
| CTCC3/16 | 0.2 | 0.41 |
| CTCC1/4 | 0.19 | 0.37 |
| CTCC5/16 | 0.19 | 0.37 |
| CTCC3/8 | 0.19 | 0.37 |
| CTCC1/2 | 0.19 | 0.49 |
| CTCC5/8 | 0.19 | 0.47 |
| CTCC3/4 | 0.19 | 0.47 |
| CTCC1 | 0.19 | 0.47 |
| CTCC1.06 | 0.19 | 0.47 |
| CTCC1.33 | 0.19 | 0.47 |
| CTCC1.5 | 0.19 | 0.47 |

HEAT SHRINK TUBING

STANDARD POLYOLEFIN TUBING — 2:1 SHRINK RATIO

Custom cut pieces available.

Our Standard polyolefin tubing is designed to protect inline components, splices and disconnects. Used for jacketing, wire bundles, light duty harnesses and identifying or color coding wire, cables and terminal components. Standard colors available are black, red, blue, yellow, white, green and clear. **Call for more colors.** Operating Temperature: -55°C to +125°C (-67°F to 257°F); Minimum Shrink Temperature: 70°C (158°F); Certifications: UL224 125°C VW1: RoHS Compliant; Voltage: 600V



| PART NO. | INSIDE DIAMETER | | NOMINAL RECOVERED WALL THICKNESS AFTER HEAT | REEL QTY (FT) | 4 FT QTY (PCS) |
|----------|--------------------------|--------------------------|---|---------------|----------------|
| | MIN EXPANDED AS SUPPLIED | MAX RECOVERED AFTER HEAT | | | |
| HSTB1/16 | 0.059 in | 0.026 in | 0.014 in | 500' | 25 |
| HSTB3/32 | 0.094 in | 0.039 in | 0.020 in | 500' | 25 |
| HSTB1/8 | 0.118 in | 0.059 in | 0.016 in | 500' | 25 |
| HSTB3/16 | 0.177 in | 0.091 in | 0.020 in | 250' | 25 |
| HSTB1/4 | 0.230 in | 0.118 in | 0.022 in | 250' | 25 |
| HSTB3/8 | 0.354 in | 0.177 in | 0.024 in | 200' | 25 |
| HSTB1/2 | 0.472 in | 0.236 in | 0.024 in | 200' | 5 |
| HSTB3/4 | 0.709 in | 0.354 in | 0.031 in | 100' | 5 |
| HSTB1 | 0.984 in | 0.492 in | 0.035 in | 100' | 5 |
| HSTB1.5 | 1.575 in | 0.787 in | 0.039 in | 100' | 5 |

Custom cut pieces and large reels available, contact sales@hoffmanproducts.com.

DUAL WALL ADHESIVE LINED TUBING — 3:1 SHRINK RATIO

Custom cut pieces available.

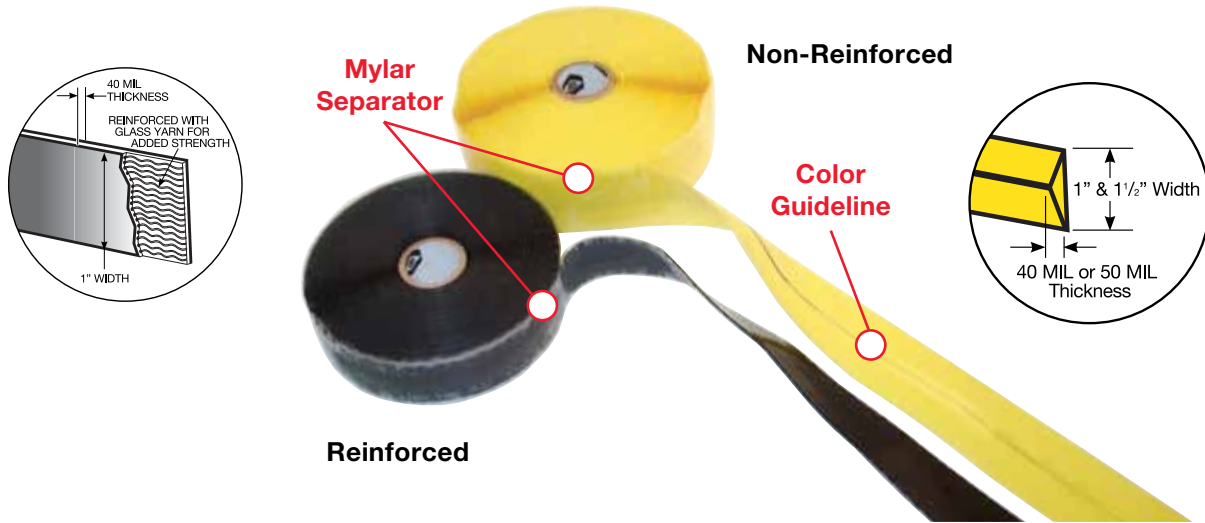
Designed to environmentally seal and protect electrical and power distribution applications and connector-to-cable transitions. Standard colors available are black, red, blue, yellow, white, green and clear. **Call for additional colors.** Operating Temperature: -55°C to +125°C (-67°F to 257°F); Certifications: UL224 125°C VW1; Voltage: 600V.

| PART NO. | INSIDE DIAMETER | | NOM. RECOVERED WALL THICKNESS | | REEL QTY (FT) | 4 FT QTY (PCS) |
|-----------|--------------------------|--------------------------|-------------------------------|--------------------------|---------------|----------------|
| | MIN EXPANDED AS SUPPLIED | MAX RECOVERED AFTER HEAT | TOTAL WALL AFTER HEAT | ADHESIVE WALL AFTER HEAT | | |
| HSTBD1/8 | 0.126 in | 0.039 in | 0.037 in | 0.014 in | 500' | 25 |
| HSTBD3/16 | 0.189 in | 0.063 in | 0.043 in | 0.016 in | 250' | 25 |
| HSTBD1/4 | 0.252 in | 0.087 in | 0.047 in | 0.018 in | 250' | 25 |
| HSTBD3/8 | 0.374 in | 0.126 in | 0.057 in | 0.020 in | 200' | 25 |
| HSTBD1/2 | 0.500 in | 0.165 in | 0.067 in | 0.020 in | 100' | 5 |
| HSTBD3/4 | 0.752 in | 0.248 in | 0.079 in | 0.022 in | - | 5 |
| HSTBD1 | 1.000 in | 0.335 in | 0.083 in | 0.022 in | - | 5 |
| HSTBD1.25 | 1.250 in | 0.4167 in | 0.086 in | 0.029 in | - | 5 |
| HSTBD1.5 | 1.535 in | 0.531 in | 0.094 in | 0.024 in | - | 5 |

INSULATING TAPE

VULKO-WRAP™ INSULATING TAPE

Vulko-Wrap™ is TPC's popular self vulcanizing insulated wrap. Made of a specially compounded, synthetic silicone elastomer, this tape is resistant to oil, water, ozone and many chemicals. It has a high dielectric strength and can be used on all electrical connections. It sticks to itself without sticky residue and fully bonds in 24 hours yet remains pliable in the application. It remains effective in temperatures ranging from -60°F to +400°F. Vulko-Wrap is available in 40 or 50 mil thickness as well as a reinforced option. It comes in yellow and black.



FEATURES & BENEFITS

- **High Dielectric Strength:** Can be used for all electrical connections
- **Specially Compounded, Synthetic Silicone Elastomer:** Resistant to oil, water, ozone, and many chemicals.
- **Vulcanizes Immediately:** Requires no heat—becomes fully bonded in 24 hours at room temperature. Remains pliable over time.
- **No Adhesives, Adheres Only to Itself:** Easy to remove – leaves no residue. Covered fittings are immediately reusable.
- **Triangular Shape with Color Guideline:** Allows even thickness for uniform high dielectric strength.
- **Width 1" to 1.5":** Covers more surface than ordinary tape with a single wrap.
- **Non-Reinforced Product Stretches to Approximately 2-1/2 Times Its Length:** Conforms to irregular shapes and uneven surfaces. Can be used on parts which move or vibrate.
- **Available in 40 mil or 50 mil Thickness:** Extra thick design allows wrapping over sharp and irregular surfaces without tearing or puncturing.

| PART NO. | | NOMINAL THICKNESS | NOMINAL WIDTH x LENGTH | WRAP COLOR/ GUIDELINE COLOR | DIELECTRIC STRENGTH | MEETS MIL SPEC | TENSILE STRENGTH |
|-----------------------|----------|-------------------|---------------------------------------|-----------------------------|---------------------|----------------|------------------|
| 1 ROLL | 5 ROLLS | | | | | | |
| 98412 | 98412D | 40 Mil | 1 in x 36 ft (2.54 cm x 1100 cm) | YELLOW / RED | 300 Volts / Mil | MIL-I-46852 | 1100 PSI |
| 98512 | 98512D | 50 Mil | 1.5 in x 36 ft (3.81 cm x 1100 cm) | YELLOW / BLACK | 275 Volts / Mil | MIL-I-46852 | 1100 PSI |
| 98412BK | 98412BKD | 40 Mil | 1 in x 36 ft (2.54 cm x 1100 cm) | BLACK / GREEN | 300 Volts / Mil | MIL-I-46852 | 1100 PSI |
| 98512BK | 98512BKD | 50 Mil | 1.5 in x 36 ft (3.81 cm x 1100 cm) | BLACK / YELLOW | 275 Volts / Mil | MIL-I-46852 | 1100 PSI |
| 18412 (REINFORCED) | - | 40 Mil | 1 in x 36 ft (2.54 cm x 1100 cm) | BLACK / NONE | 500 Volts / Mil | MIL-I-22444C | 1100 PSI |



Y500B WIRE STRIPPER AND CUTTER

Lightweight stripper and cutter for quick, easy wire processing. The unique stripping blades automatically adjust to the wire gauge and strips with a quick squeeze of the handles. Cutting blade is exposed by pushing the thumb notch forward, inserting the wire and squeezing the handle to cut.

| PART NO. | SIZES |
|----------|-----------|
| Y500B | 20-12 AWG |



HY510B WIRE STRIPPER AND CUTTER

Designed for stripping small diameter wires in a single movement. It has precision ground blades which cut cleanly through the insulation. An adjustable wire stop is attached to enable repeated stripping to a consistent length.

| PART NO. | SIZES |
|----------|----------|
| HY510B | 18-8 AWG |



Y130 VINYL PIPE CUTTER

Durable ratchet type hand tool for cutting rigid and flexible polyvinyl chloride (PVC) pipes and other pipes constructed of synthetic resins. Cutter blade is replaceable.

| PART NO. | SIZES |
|----------|------------------------------------|
| Y130 | Accommodates up to 1-5/8" diameter |



RELY ON HOFFMAN PRODUCTS FOR:

- Deep Inventory
- Low Minimum Order Requirements
- Customized Packaging Options
- Exceptional Service



HOFFMAN PRODUCTS
A TPC WIRE & CABLE CORP. BRAND

TEMPERATURE RATINGS

| | |
|--------------------------------|------------------------------|
| Non-Insulated Copper Terminals | 176°C (350°F) |
| Nylon Insulated Terminals | 105°C (221°F) |
| Vinyl Insulated Terminals | 75°C (167°F) |
| Non-Insulated Brass | 107°C (225°F) |
| Non-Insulated Tin Plated Brass | 149°C (300°F) |
| Cable Ties (Clear) | 4°C to 80°C (-40°F to 176°F) |
| Cable Ties (Black) | 4°C to 85°C (-40°F to 185°F) |
| Ceramic Speed-Ease Connectors | 149°C (300°F) |

AMPERAGE

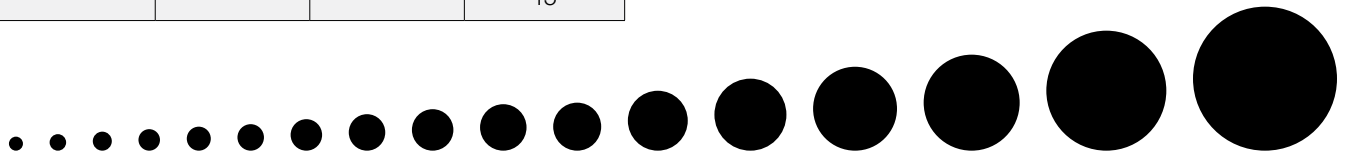
| TERMINAL SIZE ACCEPTANCE | MAXIMUM WIRE MILS | MAXIMUM CIRCULAR MILS | AMPERAGE |
|---------------------------------|-------------------|-----------------------|----------|
| Copper Terminals and Connectors | | | |
| 22-16 | #15 | 3256 | 18 |
| 16-14 | #13 | 5190 | 30 |
| 12-10 | #9 | 13104 | 50 |
| 8 | #7 | 20761 | 70 |
| 6 | #5 | 33115 | 95 |
| 4 | #3 | 52614 | 125 |
| 2 | #1 | 83716 | 170 |
| 1/0 | 1/0 | 119536 | 230 |
| 2/0 | 2/0 | 231295 | 265 |
| 3/0 | 3/0 | 190049 | 310 |
| 4/0 | 4/0 | 231295 | 360 |
| Brass | | | |
| - | - | - | 15 |

VOLTAGE RATINGS

| | |
|-----------------------------|---------------|
| Insulated Copper Terminals | 600 Volts Max |
| Insulated Brass Disconnects | 300 Volts Max |
| Tap Splices (16-10 AWG) | 32 Volts Max |
| Tap Splices (18 AWG) | 18 Volts |

WIRE SIZE CROSS REFERENCE

| METRIC mm ² | AWG |
|------------------------|---------|
| 0.50 | 20-18 |
| 1.25 | 18-16 |
| 2.00 | 16-14 |
| 5.50 | 12-10 |
| 8.00 | 8 |
| 14.0 | 6 |
| 22.0 | 4 |
| 35.0 | 2 |
| 60.0 | 1/0 |
| 70.0 | 2/0 |
| 80.0 | 3/0 |
| 100.0 | 4/0 |
| 150.0 | 300 MCM |
| 180.0 | 350 MCM |
| 200.0 | 400 MCM |
| 325.0 | 600 MCM |



STUD CLEARANCE

| Stud Size | #1 | #2 | #3 | #4 | #5 | #6 | #8 | #10 | #12 | #14 | 1/14 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Screw Dia | 0.073 | 0.086 | 0.099 | 0.112 | 0.125 | 0.138 | 0.164 | 0.190 | 0.216 | 0.242 | 0.250 | 0.312 | 0.375 | 0.437 | 0.500 | 0.625 | 0.750 |
| Hole Dia | 0.087 | 0.087 | 0.126 | 0.126 | 0.146 | 0.146 | 0.169 | 0.209 | 0.252 | 0.252 | 0.252 | 21/64 | 13/32 | 29/64 | 33/64 | 21/32 | 53/64 |