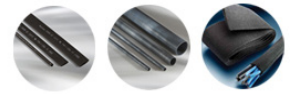


TE CONNECTIVITY PRODUCTS THAT YOU CAN SELL ANYWHERE

Heat Shrink Tubing, Identification & Labeling, and Terminals & Splices Product Lines

Questions to Ask During Customer Conversations for Heat Shrink Tubing



What is the maximum operating temperature of your application?

- HT-200, RW-200, RW-200-E, SRFR, and RT555 tubing series have a rated operating temperature of 200°C.
- TFE and TFE-R are rated to 250°C & are available in EMEA only.

Do you need a flame retardant solution for your application?

- DWFR, SWFR, VERSAFIT, ES2000, ATUM and FL2500 series have flame retardant properties.

What shrink ratio are you looking for?

- TE offers shrink ratios from 6:1 in its PTCM series, multiple 4:1, 3:1 and 2:1 options, and 1.5:1 in its SRFR series.

Does your design require AS23053 qualified tubing?

- TE's tubing is qualified to /1, /4, /5, /6, /8, /10, /13, /15, /16 and /18.

Are you looking for a sealed version of heat shrink tubing?

- TE's DWFR series and ATUM series are the most popular sealed versions.
- Additional sealed varieties include DWP-125, CGAT, DWTC, RPPM, TAT-125, DSPL, ES1000, ES2000, FL2500, SCL, SCT, and SST series.

Does your design require resistance to fluids such as aviation and diesel fuels, hydraulic fluids or lubrication oils?

- TE's DR-25 series is suitable for fluid resistance. When used in conjunction with system 25 heat-shrinkable molded shapes and s1125 high performance adhesive, this tubing option provides a complete cable harness system for applications exposed to fluids.

Are you looking for a general purpose heat shrink solution?

TE's CGPE-105 series is available in various vibrant colors, SWFR in black and VERSAFIT in a full color palette.

Questions to Ask During Customer Conversations for ID & Labeling



Do you currently use any Identification Solutions to identify Wires, Cables, or equipment?

- TE offers printable products including tubing, marker sleeves, cable markers, labels, ribbon, software and printers.
- Contact TE's technical team for printer and software set-up.

Do you have any applications which need to withstand harsh environments?

- Heat shrink tubing and tags are used in Rail, Military, Aerospace and Defense, Automotive and other Industrial applications and have broad temperature ranges and materials suited for different performance needs.
- Low fire hazard, oil resistant, diesel resistant, flame retardant, UV light exposure and zero halogen are appropriate for harsh environments.
- TE's printable labels offer solutions that will withstand oils, chemicals, solvents, abrasion, and outdoor environments, extreme heat, are tamper evident and can self-extinguish. Label adhesives match the surface energy they are being applied to for long life expectancy.

Are Mil Spec or Certifications important for your design?

- TE's printable tubing and tags meet a comprehensive list of Mil Spec and Certifications in multiple industries.
- Many of our labels meet UL/CSA standards. When TE ribbon and printers are combined with TE products, the printed surfaces pass various tests.

Are you looking to save money and installation time?

- TE's thermal transfer printers and software provide on demand printing.
- Software can import important data, create serialization and save templates for future projects.

Are you looking for low cost pre printed identification solutions?

- TE's pre-printed markers are a quick and low cost solution available in different sizes, colors for pre and post termination applications.

Questions to Ask During Customer Conversations for Terminals & Splices



What kind of insulation do you need?

Insulated: PLASTI-GRIP (low \$), PIDG (rugged), TERMINYL (large wire)

Radiation resistant: PIDG w/ PVF2 (150°C)

No insulation: SOLISTRAND, DIAMOND GRIP

What is your design's operating voltage?

Up to 300V: PIDG Terminals

Up to 600V: PLASTI-GRIP & PIDG Splices

Over 600V: SOLISTRAND (up to voltage rating of wire)

Do you need a large wire size?

SOLISTRAND: No insulation, up to 600 MCM

TERMINYL: Insulated, 8 to 4/0 AWG

PLASTI-GRIP: RBY color coding, 2/0 AWG

Do you need a product suitable for high vibration?

TE offers three options: PIDG, TERMINYL, and DIAMOND GRIP.

Are certifications important for your design?*

Military: PIDG, SOLISTRAND

UL/CSA: PLASTI-GRIP, PIDG, SOLISTRAND

Do you require automachine termination?

Yes: Open barrel

No: Closed barrel

Do you need a product suitable for high temperature?

STRATO-THERM: PIDG (insulated) Up to 288°C

Heat Resistant: Up to (uninsulated) 343°C

Nickel High Temp (uninsulated): Up to 649°C

Are you looking for a quick disconnect?

TE's FASTON PIDG series offers pre-insulated terminals designed for uniform reliability in difficult circuit environments.

*Correct TE crimp tool must be used for product to be certified.

Heat Shrink Tubing

Product Families

Single Wall Tubing

- Bundling protection & abrasion resistant
- Strain relief & quick installation
- Variety of colors available for coding
- Low shrink temperature & MIL-SPEC
- Meets UL VW1 - flammability
- Meets UL/CSA - electrical insulation
- Cost effective & flexible

- Rapid production time
- UL rating - minimize catastrophic failure of a system

Dual Wall Tubing

- Waterproof - submersion
- Cable repair - bonding & sealing
- Splice sealing strain relief
- Direct burial waterproofing
- Underground water protection
- Electrical insulation & MIL-SPEC
- UL rating - minimize catastrophic failure of a system
- Protects from harsh environments





- Meets UL VW - 1 flammability rating
- Superior abrasion and chemical resistance
- Color differentiation
- Flexible and shiny tubing option

Specialty Tubing

- Bundling protection & Abrasion resistant
- Strain relief & Quick installation
- Variety of colors available for coding
- Low shrink temperature & MIL-SPEC

- Meets UL VW1 - flammability
- Meets UL/CSA - electrical insulation
- Cost-effective and flexible
- Rapid production time
- UL rating - minimize catastrophic failure of a system

Available Resources

-  [Landing Page](#)
-  [Selection Guide](#)
-  [Catalog](#)
-  [Parts List](#)

Identification & Labeling

Product Families

Printable Heat Shrink Tubing

- TE offers heat shrinkable cable identification marker sleeves in a wide variety of configurations, colors and sizes.
- Applications include military grade, low fire hazard, fluid resistant, high temperature and commercial use.
- Available formats include pre-cut sleeves supplied in ladder format and continuous tube supplied on reels.

cable ties. Formats include 4 or 6 hole rolls or a 4 hole reeled paper carrier.

Standard Labels

- A cost effective option often used by panel builders and electricians in standard applications and technicians in aerospace and defense applications.
- TE offers a thermal transfer printable option as well as hand writable labels.
- Available formats include flagging and wrap around labels, continuous and/or diecut labels and die cut on a roll.

TE's product specialists will lead you through a custom label solution.





Pre-Printed Markers

- Clip-on, snap-on and push-on wire marker varieties identify wire bundles, cables, pipes, and conduits.
- These expanding profile markers are pre-printed and ready to use with individual letters, numbers, and symbols.
- Perfect for low volume installers.
- Available formats include applicator wand, continuous length, and pre-perforated on a spool or in loose packs.

Software & Ribbon

- TE's WINTOTAL software package works seamlessly with its printers and offers templates of all standard products to reduce set up time and improve accuracy.
- TE's ribbons are designed to meet the most stringent of print performance needs through print contrast and permanence test procedures.

Available Resources

-  [Landing Page](#)
-  [Selection Guide](#)
-  [Catalog](#)
-  [Parts List](#)

Printable Tags/Cable Markers

- TE's flat, non-adhesive labels can identify large cables, wire bundles or pipes in aggressive environments.
- Tags can be applied with standard

Custom Labels

- TE can develop a unique solution to fit your needs.
- From custom overlays to specific adhesion requirements,

Hardware & Accessories

- TE's hardware and accessories utilize a system approach to ensure all products work seamlessly together.

Terminals & Splices

Product Families

PLASTI-GRIP Insulated

Terminals & Splices

- Ideal for when safety could be an issue and no severe vibration is present
- Lighting
 - Panel boxes

- Panel boxes
- Switchgears
- Lifting equipment
- Motors
- Pad & pole mount
- ADM applications

PIDG & FASTON Insulated Terminals & Splices

- Ideal for when safety could be an issue and in harsh environments including vibrations
- Material handling and lifting
 - ADM applications
 - Transportation
 - Power supplies
 - Instrument & controls

Closed End Splices

- Ideal for when safety could be an issue and no severe vibration
- Lighting
 - Panel boxes
 - Control Cabinet
 - Instrument & controls

Ferrules






- Ideal for when a stranded wire needs to be converted to a solid wire
- DIN Rail/Terminal block

TERMINYL Insulated Terminals & Splices

- Ideal for large gauge applications

- Rail
 - Large Industrial Equipment
- STRATO-THERM & DIAMOND GRIP Terminals & Splices**
- Ideal for when extreme heat is the issue
- Motors and Industrial ovens

Available Resources

-  [Landing Page](#)
-  [PLASTI-GRIP QRG](#)
-  [PIDG QRG](#)
-  [SOLISTRAND QRG](#)
-  [Parts List](#)