



Solutions for the Food & Beverage Industry



Expect High Performance[®]

Amphenol TPC Wire & Cable is a leading supplier of high-performance wire, cable, connectors, and assemblies designed and engineered to withstand harsh industrial environments. We know how critical it is that your cables and connectors be able to survive abuse from caustic chemicals, extreme temperatures, continuous flexing, impact, and abrasion. Our products help solve the most difficult application problems by reducing your downtime, labor, overall costs, and long-outlasting commodity cable.

- ✓ Wire & Cable
- ✓ Cable Assemblies
- ✓ Cable Management
- ✓ Cordsets
- ✓ Electrical Components
- ✓ Custom Solutions

Specialized Solutions for the Food & Beverage Industries

The Food & Beverage Industry is no stranger to tough environments. Stringent hygienic standards, high-pressure sprays, elevated water temperatures, and consistent cleaning materials wear down cables and connectors fast, leading to surprise work stoppages. At Amphenol TPC, we offer an extensive range of durable and reliable cable products that are specifically designed to withstand these demanding conditions.

Our **Super-Trex®**, **Chem-Gard®**, and **Quick-Connex®** products are chemical-resistant and temperature-resistant, making them ideal for various applications within the Food & Beverage Industry. Whether it's in packaging, fill lines, conveyors, freezers, fryers, grain terminals, washdown areas, or any other critical zones, our cables excel in performance and longevity.

If your food & beverage facility faces challenging applications that demand resilient and high-quality cables, we are the ideal choice to meet your specific needs. These high-performance cable and connector solutions ensure the continuous and reliable operation of your equipment, adhering to the highest hygienic standards of the industry.



Featured Products

Scan the QR codes to view more product information, including full list of ratings, features and benefits.



Super-Trex® Ultra-Gard™ Portable Cord

Max Conductor Temp 90°C Type SOOW Type TC-ER (10, 12, 14 AWG Only)

Engineered to Resist Flexing Abrasion Impact Chemicals

- ✓ Finely Stranded Tinned Copper Conductors
- ✓ No-Wick Rayon-Reinforced Synthetic Fillers

Excels in **Mixers/Grinders** **Conveyor Systems** **Motor Leads** **Pushbutton Stations**
Drop Cords **Split Saws** **Conveyors** **Wash Downs (Chemical Dependent)**



Chem-Gard® 200 Unshielded Single & Multi Conductor Cable

600V Max Conductor Temp 200°C Cold Temp Rating -60°C FT1 Flame Rating

Engineered to Resist Flexing High Temperature Cold Temperature

- ✓ Finely Stranded Nickel-Plated Copper Conductors
- ✓ Specially Compounded Fluoropolymer Insulation & Jacket
- ✓ High Temperature Fluoropolymer Fillers

Excels in **Washdown Areas** **Freezers/Chillers** **Fryers/Boilers**



Quick-Connex® Cordsets

Engineered to Resist Flexing Abrasion Chemicals

- ✓ Available in Mini, M12 DC Micro, AC Micro, M8 Nano and more
- ✓ Rapid and secure connect and disconnect to ensure a water, oil, and dust-tight seal

Excels in **Washdown Areas** **Packing & Palletizing** **Fill Lines** **Conveyors**
Automation **Connectivity** **Motors/Pumps** **Mixers/Grinders**

Case Study

Potato Chip Manufacturer Keeps Their Spice Machine Moving

Customer Problem

Our customer specializes in producing potato chips with a wide range of flavor profiles. To achieve this, they rely on a spice machine that continuously moves to infuse freshly cooked chips with various flavors. However, they encountered difficulties arising from the rigid and inflexible cable used in the machine.

Amphenol TPC Wire & Cable Solution

To ensure optimal performance and maintenance of the spice machine, we recommended our **Super-Trex® Ultra-Gard™** portable cord. This cord is equipped with a specially compounded TSE jacket, offering remarkable flexibility while effectively resisting abrasion, tearing, impact, oil, and most chemicals.



Result

After following up with the customer six months later, we were delighted to find that our cable was still successfully in use for their application. Prior to using our cable, they had to replace it twice a month. However, during these six months, our cable has saved their facility a significant amount, totaling over **\$5,500 in material costs** and nearly **\$2,500 in labor expenses**. Additionally, they also benefited from a remarkable increase in production, saving approximately **84 hours of downtime**.



\$5,500

Material Cost Savings



\$2,500

Labor Cost Savings



84 Hours

Downtime Saved

Results from Six Month Time Period

We've Got You Covered

Amphenol TPC provides high-performance cables engineered with cost-saving durability designed for use in a number of industry-specific applications.

- Automation, Connectivity
- Bottling / Canning
- Cable Carrier Systems
- Control Room
- Dehair
- Fill Lines, Conveyors,
- Freezers/Chillers
- Fryers/Boilers
- Grain Elevators and Conveyors
- Mixers / Grinders
- Motors / Pumps
- Split saws
- Utilities and Water Treatment
- Washdown Areas



**Learn
More**



Chem-Gard® 200 Multi Conductor Cable

This cable was all it was represented to be and more. My electricians loved working with it. We replaced 10 AWG THHN with 12/4 AWG for 15 H.P. blowers in a -30°F freezer and have better running motors with none of the overload problems we had before.

Robert M Rooker,
Maintenance Manager
Sister Schubert's Homemade Rolls

Custom Solutions Engineered For You

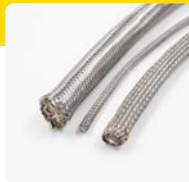


Custom Designed to Meet Your Needs

If your industrial operation requires a unique solution, Amphenol TPC offers custom-engineered products **designed to your specifications**. These product solutions represent a unique and valuable service offered by Amphenol TPC to save you time and money. Our engineers are focused on providing the best solutions, through tested electrical, mechanical, and industrial engineering experience. There is no job that our team can't tackle. Our engineering team is ready to design a custom solution for you!



Custom Wire & Cable



Stainless Steel Braid Sleeving



Cordsets



Cable Assemblies



Custom Cable Carrier Systems



Custom Storage & Trailers



Cables Reels & Enclosures

→ For more Custom Solutions, please visit tpcwire.com



Headquarters
9600 Valley View Rd.
Macedonia, Ohio 44056

USA 800-521-7935 / Fax 866-528-2930
Canada 800-545-0122
Mexico 001-877-283-1696
Chile 1230-020-0229
Columbia 0-1-800-915-7519
Peru 0800-54863

tpcwire.com



WARRANTY AND DISCLAIMER: Seller makes no warranties, express or implied, with respect to this product, and seller disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, seller will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profit) from any cause whatsoever.

TPC1312 © Copyright 2024 by Amphenol TPC Wire & Cable. All rights reserved.

No portion of this publication, whether in whole or in part, can be reproduced without the express written consent of Amphenol TPC Wire & Cable.



FS 35910