



**THE ZIPPERTUBING<sup>®</sup> CO.**

**ENGINEERED SOLUTIONS  
FOR TOMORROW**





## THE VISION BEHIND THE NAME

### INNOVATION

*Zippertubing®* is the most **versatile cable management system** devised for wire, cable, tubing, and other lines. It is a **wrap-around, repairable, re-enterable, flexible jacketing and shielding system** that features a **unique zipper closure** allowing **fast, easy use** on new or existing installations - without the need to pull through tubing or disconnect the cables.

EMI Shielding

Cable Management

Thermal Protection

Chemical Resistance

Fluid Resistance

Abrasion Resistance

### TRADITION

With four generations of customer experience and product expertise, *Zippertubing* continues to produce engineered solutions around the Globe. Incorporated in 1957, The *Zippertubing® Company* has been an **innovative force** in every conceivable kind of application. Many of these applications have been the basis for **continuous improvements** and additions to our product line. New jacketing and shielding materials have been added to meet the ever-changing specifications and requirements in today's marketplace. Configurations are available to fit **round, flat, square**, and many other shapes. Various types of shielding are offered to protect against **EMI, ESD, magnetic, lightning, EMP, TEMPEST** and other requirements. Our knowledge and years of experience, within this broad market and selection of quality products, has established *Zippertubing* as the solution to all wire harness systems.

### CUSTOMIZATION

Applications for *Zippertubing®* cross all industry lines. While most uses are for Electronic and Electrical equipment, the **wide selection of materials and constructions** makes *Zippertubing* a **practical and economical solution** for almost any type of service where protection is needed. Current industries using *Zippertubing* include:

Automotive

Aerospace

Marine

Oceanographic

Chemical and Food processing

Mining

Telecommunications

Utilities

Laboratory and Medical Equipment

Vending machines

Simulators

Automatic test equipment

Robotics, and many others



# INNOVATIVE SOLUTIONS AROUND THE GLOBE

## SERVICE

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Whatever your requirements, whether for a standard jacket or a special, engineered design, contact the **Zippertubing Group** for the solution. *Our Commitment is to you, Our Customer.*

**The Zippertubing® Company.....where teamwork and hard work are combined to produce engineered, quality work for today's solutions and tomorrow's products.**



- Production Locations
- \* Corporate Headquarters

# Engineered Solutions

for tomorrow



## Cable Management Solutions

Due to **Zippertubing's®** unique product line, we are able to offer **cable management solutions** for a variety of applications. Our wrap-around product lines afford you the opportunity to add additional **Abrasion protection**, **Chemical resistance**, even **EMI Shielding** to your cable bundle without the need to disconnect your cable assembly. Additionally, Zippertubing's products provide a **CLOSED SYSTEM**, which insures no dirt, debris, sand or other foreign objects will penetrate into the cable bundle and damage the individual wires within your harness. The *Zippertubing Company* has been providing complete cable management solutions for applications in the **Aerospace**, **Military** and **Defense**, **Communications**, **Automotive**, **Transportation** and **Commercial Electronics** markets since 1957.



# Cable Management

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POLYMER FILMS

COATED FABRICS

HEAT SHRINKABLE

TAPES

- Versatile Bundling & Protection Solutions
- Economical & Fast, Easy Use
- Repairable & Re-enterable
- Custom Configurations



# Engineered Solutions

for tomorrow

## EMI Shielding Solutions



**EMI Shielding** is the use of materials to **reduce radiated EMI** by reflection and/or **absorption**. **Shielding effectiveness** and **performance** are the functions of the properties and configuration of the shielding materials, the frequency and the distance from the source to the shield. Serving you since 1957, the **Zippertubing® Company** has been providing **EMI/RFI shielding solutions** to the **Electronic, Military and Defense, Aerospace** and the **Telecommunications** markets with unique solutions. Because of the **flexibility** and expanse of the **Zippertubing®** product line, solving EMI/RFI problems has become **our forte** over the past 20 years. The **Zippertubing Company** offers 10 different EMI shields, each with **frequency specific features** and benefits, which gives the customer a choice of solutions for their EMI/RFI problem. From solutions for flat cable, round cable or odd shapes and sizes, the **Zippertubing Company** has a **solution** for today's EMI/RFI problems.

# PROTECTING

what's

# IMPORTANT

FOILS

SHIELDED TAPES

MESH

CONDUCTIVE CLOTHS

SHIELDED HEAT SHRINKABLE  
TUBING

- High Performance Shielding
- High Frequency & Low Frequency Shields
- Custom Configurations

**EMI**

Shielding



# Engineered Solutions for tomorrow

## Thermal Protection Solutions

In our continuing efforts to **provide solutions** to customer problems, the **Zippertubing® Company** has developed an extensive line of **moderate** to **extreme high temperature** products. **High Temperature materials** are used to provide a method of **temperature reduction** from external sources **protecting** your wires, cables or sensors from an external heat source by **reflecting** and or **absorbing** the potentially **damaging heat**. The jacketing materials are **rated for temperatures from 177°C up to 900°C** for short durations. Heat protection products are **not solely limited to tubular forms** for cables and pipes alone. Component application's often **demand specific forms** and shapes with **different closure** and wrap methods. The **Zippertubing Company** products are available in **many different shapes and sizes**, and **custom configurations** can be produced to **meet your specific needs**. Although **Zippertubing®** products are primarily designed to function as **heat shields**, the materials are also an **effective barrier** against most oils, grease, brake fluids, fuels and many low percentage acids or caustic liquids.

# Thermal Protection

meets  
Innovative Solutions



- Heat Reflective Aluminized Fiberglass
- Rated up to 900°C Temp
- Custom Shapes & Sizes



**Engineered Solutions**  
for tomorrow

# Heat Shrinkable Solutions



*The Zippertubing® Company* offers a very unique Heat-Shrinkable tubing product line. **Heat-Shrinkable tubing** has been used for many years in both **Commercial** and **Military** applications to bundle and jacket electrical wiring. *Zippertubing* offers **patented, wrap-around, heat-shrinkable tubing**, in a variety of styles, each for unique applications. Heat-shrinkable tubing is also available in **EMI shielded versions**. Our tubing's ability to wrap then shrink, when heated, provides an **excellent** means for creating a **professional** looking secondary jacket to wires and cables. It can also add a variety of additional performance characteristics to a wire bundle, including **chemical, electrical, mechanical** and **thermal protection**. This is where our heat-shrinkable tubing's are **unique** only to *Zippertubing*. The *Zippertubing®* heat-shrinkable tubing products can best be defined as an application-modified, heat-shrink tubing. We offer EMI shielded heat-shrink tubing and a variety of wrap-around heat-shrinkable tubing products that **conform to the requirements of Mil-I-23053/5, Class 1**.



# Revolutionary

## HEAT Shrinkable Tubing

**SHRINK-N-SHIELD®**  
*EMI Shielded Heat-Shrinkable  
Tubing*



**PRT™**  
*Wrap-around Heat-Shrinkable  
Tubing*



- Superior Abrasion Resistance
- Outstanding Environmental & Chemical Resistance
- Excellent Electrical Properties



**THE ZIPPERTUBING<sup>®</sup> CO.**

ISO 9001:2000 CERTIFIED



**THE ZIPPERTUBING FAMILY OF COMPANIES**

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