



Company Profile

Since 1957, Zippertubing® has been the industry leader in custom component protection, including EMI shielding, specialized heat shrink, cable bundling, heat shielding and marine fairing solutions. With the expertise of our in-house engineering team, our manufacturing equipment, and nearly endless selection of materials, we can create a prototype to fit any industry's stringent requirements — no matter the size, shape, or environment.

Product Overview

Zippertubing® is a manufacturer of EMI shielding, specialized heat shrink, cable bundling, heat shielding, and marine fairing solutions. From re-enterable wraparound to pull-through jacketing, and from snap button to continuous zipper closures, we build solutions to fit any industry or application requirements. Our expertise includes cable bundling for robots, EMI shielding solutions for spacecrafts, and more.

Product Description

Zippertubing's custom engineered Meca500 robot cover provides thermal protection to components without inhibiting the flexing ability of the robotic arm in the manufacturing process. The cover is made from flexible, abrasion-resistant PFR-10 material on both the inside and outside. It is perfect for form fit applications and demanding environments, such as in nuclear, aerospace and military industries, where ruggedness, resistance to heat, abrasion and most fluids is a requirement. For added thermal protection, the custom-built Zippertubing® Meca500 cover also includes an interior insulating ceramic fiber mat.

Features include a convenient opening on the back of the robotic cover, which allows the insertion of a small air hose, where ambient air is pumped into the cover to maintain the optimal temperature within the robot's test chamber. The customized Meca500 robot cover has a snap-button closure along the robot's base plate allowing for quick and easy installation without downtime or disconnection. The product has a hole-pattern at the top of the cover that is aligned with the mounting holes of the robot, which permits a tool head mount or added robot accessories without the need to remove the additional layer of protection. Zippertubing's custom engineered Meca500 robot cover can be custom-made for a wide range of applications.

Contact

[Contact Form](#)

Tel: (855) 289-1874

Address:
7150 W. Erie St.
Chandler, AZ 85226 US