

The Guardian System is an annular polymer-core tubing system designed for high-performance wire protection applications where economy and ease of installation are primary concerns. Especially suited to transport, rail, hybrid car, and industrial/agricultural machinery applications, Guardian provides easy-to-install and economical wire protection. Turn to Section B of this catalog for the full range of annular polymer-core tubing and do-it-yourself Guardian System fittings.

SERIES 72 ANNULAR POLYMER CORE

GUARDIAN SYSTEM

ECONOMICAL, HIGH-PERFORMANCE WIRE PROTECTION

The Guardian Series of Do-It-Yourself Fittings

- Economical and easy to install. *It's a snap!*
- General duty, all-purpose wire protection
- O-ring equipped environmental sealing (splash-proof)
- Self-locking coupling nuts
- Band and shrink-boot ready
- Metal and composite thermoplastic materials



Available with your choice of Economical Annular Convuluted Tubing

- Kynar® - Thermally stabilized, chemical and radiation resistant.
- PVDF - Chemical and radiation resistant, available in 5 colors plus black and natural.
- G-FLEX Siltem - Halogen free, low toxicity, low smoke, 175° temperature rating.

SELECTION GUIDE

1: Select the *Kynar*®, *PVDF*, or *Siltem* annular convuluted tubing core

2: Select from our menu of jacketing and braiding options

3: Select appropriate Guardian adapters, fittings, and transitions

Easy-To-Install and Economical Wire Protection



Available jacketing materials include EPDM, Hypalon®, Neoprene, and Viton as well as Duraelectric™ in Black, Gray, and Desert Tan

“Y” and “T” transitions in composite thermoplastic and plated metal materials for easy routing of multi-branch wire assemblies

Convolved tubing options in the Guardian system include Kynar®, PVDF, and Siltem

EMI/RFI shielding options include standard tin/copper braid as well as ArmorLite™ Microfilament metal-clad ultra lightweight braid

A selection of high performance, high temperature plastic convoluted tubing is available in a broad range of materials and colors

The Guardian system also includes bulkhead feed-thru adapters for easy routing of wires through non-connectorized bulkheads and boxes

All Guardian system conduit to connector adapters are Banding Platform equipped and optimized for easy EMI shield termination with BAND-IT® banding

All Guardian system adapters are equipped with shrink boot grooves for easy environmental sealing and strain relief

The heart of the Guardian system is its unique retaining clip assembly system, offering high speed assembly without the need for special tools. Environmental O-rings provide splash-proof level environmental sealing.

