



## Adding reliable performance to packaging equipment

**A**s packaging machines become more intelligent, flexible, and capable, the demands placed on the wire and cable that power and control operations become more precise.

For over 95 years, Alpha Wire has worked with the packaging industry, developing new and better products to boost performance and reliability. Our cables, hook-up wire, FIT® heat-shrink tubing, and FIT wire management accessories have played a significant role in advancing the reliability and performance of packaging equipment.

Alpha offers cable from stock in most sizes and constructions, in a variety of packaging options, so you can order it when you need it and how you need it.

### Applications

- Linear motion systems
- High-speed servos
- Dynamic braking
- Variable-frequency drives
- High-speed vision systems
- Encoder/resolver applications
- HMI and I/O

### Segments

- Case formers and case packers
- Conveying systems
- Vacuum packaging
- Flow wrappers and bagging systems
- Form fill and seal systems
- High-speed bottling
- Automated palletizers

# Packaging Reliability with Alpha Wire

## Alpha products ideal for packaging equipment

### Xtra-Guard® Flex Series

- Long cycle life for high-speed flexing
- Supports pick and place robotics
- Multiple sizes and conductor counts
- Outstanding EMI protection
- Continuous Flex Rated Ethernet

### SF Servo Series

- Multi-axis control
- Resolver and encoder feedback
- Dynamic braking
- High-flex applications

### Ethernet/DeviceNet/ControlNet/Industrial Twinax

- High-speed connectivity solutions
- Plug and play modularity
- High-level signal integrity

### Industrial Series M, F, and P

- For factory equipment control systems
- Oil and chemical resistant
- Tray rated applications

## Additional product categories available to support your packaging needs

### Hook-Up Wire

- PVC, XL-PVC, Teflon®, Silicone, XLPE, Kynar®, Tefzel®
- UL/CSA, Mil Spec, wire wrap, ribbon, bus bar
- Stranded, solid, coated, special plating

### FIT Heat Shrink Tubing

- General-purpose polyolefin 2:1 ratio; high shrink ratios up to 6:1
- Dual-wall (meltable inner wall, mastic and adhesive lined)
- Special application (Kynar®, Teflon®, Viton®, flexible, fabric)
- R&D kits available

### FIT Wire Management

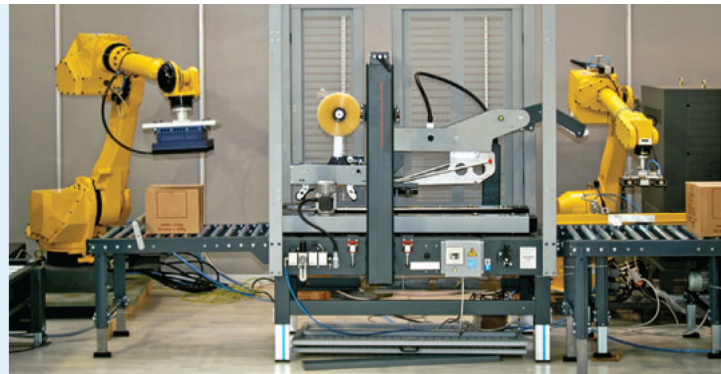
- Harnessing, routing, shielding
- Rigid and flexible tubing
- Sleeving
- Shielding/grounding

### Custom Cable

- Short lead times
- Engineered to your specifications and designs
- Reeled in small or large put ups

## Service and support, second-to-none

We make it easy for you to select the right cable for your specific packaging equipment application. Our online resources include a wire and cable selection guide, technical information, full product catalog, and a distributor locator. You can even design cable to your specification. It's easy—just visit [www.alphawire.com](http://www.alphawire.com)!



## GLOBAL HEADQUARTERS

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