

Packaging Reliability with Alpha Wire



Adding reliable performance to packaging equipment

As 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 80 years, Alpha Wire has worked with the packaging industry, developing new and better products to boost performance and reliability. Our VFD and servo 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. Our products are available for same-day shipment to practically anywhere in the world, eliminating long lead times.

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

Alpha Wire

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Alpha products ideal for packaging equipment

SF Servo Series

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

Xtra-Guard® Flex Series

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

Ethernet/DeviceNet/ControlNet/Industrial Twinax

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

Variable-Frequency Drive

- Designed for extended duty cycle
- Low capacitance/improved signal transmission
- 3- and 4-conductor versions
- Motor supply cable also available

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

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

Hook-Up Wire

- PVC, XL-PVC, Teflon®, Silicone, XLPE, Kynar®, Tefzel®, TGGT, MG
- UL/CSA, Mil Spec, wire wrap, ribbon, bus bar
- Stranded, solid, coated, special plating
- From 100' spools to large put-ups from our Dearborn line

FIT Wire Management

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

Custom Cable

- Short lead times
- Online Cable Design Center

New! Low-Smoke Zero-Halogen Cable.
Our LSZH Communication and Control cable is available and in stock.

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!



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