

XTRA-GUARD® 2

Industrial Strength, Extra-Rugged Polyurethane Jacket

Recognized Component
 Certified
 Passes UL VW-1 Flame Test
Underwriters Laboratories Inc. Canadian Standards Association Underwriters Laboratories Inc.

SPECIFY AND CHOOSE XTRA-GUARD® 2 FOR:

- Unmatched Resistance to Oils, Fuels, Solvents and Water
- Twice the Tensile Strength of PVC
- Three-times the Tear and Abrasion Resistance of PVC
- Applications Requiring Ultraviolet Light Stability and Fungus Resistance
- Superior Low-temperature Operation to -20°C
- Fully Color-coded PVC Insulated Tinned Copper Conductors With a Specially Formulated Extra-rugged Polyurethane Jacket
- Jacket Colors: Yellow, Orange, Blue, Green, Red, Black, White and Gray
- UL Recognition and CSA Certification
- Available in Both 300 Volt and 600 Volt Cable Styles

XTRA-GUARD® 2 APPLICATIONS:

- CNC Machine Centers
- Fixed Automotive Assembly Equipment
- Military Ground Support Systems
- Packaging Machinery
- Petrochemical Plant Operations
- Geophysical Exploration Equipment

Alpha's FIT® Shrinkable Tubing Recommendation:

- **FIT-321** – Adhesive-lined Polyolefin



XTRA-GUARD® 3

Extra-Durable Outdoor Direct-Burial Jacket

Suitable for Direct Burial

SPECIFY AND CHOOSE XTRA-GUARD® 3 FOR:

- Direct Burial Applications in Wet Earth Without the Costly Use of Conduit
- Five-times the Water Resistance of Conventional PVC
- A Specially Formulated Ethylene Propylene Copolymer Jacket for Outstanding Service Life in Outdoor Use
- Unmatched Ultraviolet Light Stability
- Available in Both 300 Volt and 600 Volt Cable Styles
- Jacket Color: Black

XTRA-GUARD® 3 APPLICATIONS:

- Inter-building Communications
- Satellite Communications Equipment
- Land Irrigation Systems
- Outdoor Security Systems
- Outdoor Scoreboards and Displays
- Pipeline Sensor Controls

Alpha's FIT® Shrinkable Tubing Recommendation:

- **FIT-321** – Adhesive-lined Polyolefin



XTRA-GUARD® 5

Extra High-Temperature/ Chemical-Resistant FEP Teflon® Jacket

LISTED
 Certified
 Pennsylvania Bureau of Deep Mine Safety Approved P-MWMS-1-85
Canadian Standards Association

SPECIFY AND CHOOSE XTRA-GUARD® 5 FOR:

- FEP Teflon® Cables for Unmatched Performance at Temperatures from -80°C to +200°C
- 100% Impervious to All Chemicals, Acids, Fuels, Solvents and Water
- 20-30% Smaller Cable Diameter than Conventional Cables
- Extremely Low Friction Jacket for Ease of Cable Routing
- Excellent Ampacity Rating
- Low Dielectric Constant of 2.1
- Plenum-rated Applications
- Pennsylvania Bureau Deep Mine Safety Approved (P-MWMS-1-85) for Mine-wide Monitoring Systems
- Jacket Color: Tan
- UL Recognition and CSA Certification
- Available in 300 Volt Cable Styles

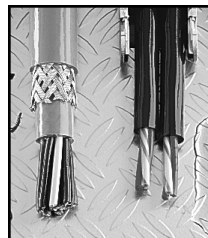
XTRA-GUARD® 5 APPLICATIONS:

- Military Electronic Applications
- Steel, Glass and Metal Foundries
- Mining Instruments and Controls
- Food and Beverage Plants
- Clean Room Environments
- Refinery Cracker Unit Controls

Alpha's FIT® Shrinkable Tubing Recommendation:

- **FIT-650** – High/Low Temperature Viton®
- **FIT-400** – FEP Teflon®

Teflon is a registered trademark of E.I. DuPont Co.



XTRA-GUARD®

Flexible Cables

THE AVAILABLE ALTERNATIVESM

Recognized Component
 Certified
Underwriters Laboratories Inc. Canadian Standards Association

SPECIFY AND CHOOSE XTRA-GUARD® MULTI-PURPOSE FLEXIBLE CABLES FOR:

- General Purpose Electronic Cables where Flexibility is Required, Providing Three-times the Flexibility of Ordinary PVC Cable
- Outstanding Oil and Chemical Resistant Jacket That Meets the Stringent Requirements of the VDE 0472, Section 803 Oil Test
- Black Numbered Conductors and Standard Green/Yellow Ground Conductor on the Outer Layer

SPECIFY AND CHOOSE XTRA-GUARD® CONTINUOUS USE FLEXIBLE CABLES FOR:

- Unmatched Flexibility and Durability in Continuous Motion Cable Track Applications
- Twice the Flexibility of Ordinary PVC Cable
- Super-flexible Cables Which Have Been Tested to MIL-C-13777G for Flex Life
- For Prolonged Use in Heavy-duty, High Speed Cable Track Applications
- Red Numbered Conductors and Standard Green/Yellow Ground Conductor on the Outer Layer
- Stocked in 600 Volt Shielded and Unshielded Constructions

XTRA-GUARD® FLEXIBLE CABLE APPLICATIONS:

- Machine Tools
- Machine Rebuilding
- Robotics
- Automation Equipment
- Material Handling Equipment

Alpha's FIT® Shrinkable Tubing Recommendation:

- **FIT-FLEX** – Highly Flexible Silicone Rubber