



**Xtreme Performance for Xtreme Environments**

**Xtreme Performance In Heavy Duty Industrial Applications Such As Abrasion, Cut-Through, Mechanical Abuse, Oils, Chemicals, Solvents And Fuels**

**Xtreme Performance Benefits:**

- Specially Formulated, Xtra-Rugged Polyurethane Jacket Has Three Times The Tear And Abrasion Resistance Of Ordinary PVC
- Xtreme Resistance To Cut-Through And Physical Damage
- Moderate To High Resistance To Most Oils, Solvents, Chemicals And Fuels
- Outstanding Ultraviolet Light Stability In All Jacket Colors



**XTRA-GUARD<sup>®</sup> 2 APPLICATIONS:**

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

**CHARACTERISTICS**

**Operating Temperature:**

- -20° C to 90° C

**Voltage Rating:**

- 300 Volt

**Color Description:**

- Color Code: 24, 22 AWG Chart E Page 375, 20 AWG Chart D Page 375
- Jacket Colors: Chrome Gray, Industrial Black, Robust Red, High Visibility Yellow, Safety Orange, Bold Blue, Environmental Green, Sand Beige, Pure White

**Product Description:**

- Conductor: Stranded Tinned Copper
- Insulation : Color-Coded Premium PVC
- Jacket: Specially Formulated Polyurethane
- Nylon Rip Cord for Ease of Jacket Stripping

**SPECIFICATIONS**

- UL AWM Style 20668
- CSA AWM I A/B II A/B FT1
- Passes UL VW-1 Flame Test
- Passes CSA FT4 Flame Test
- RoHS Compliant

**24 AWG (0,23mm<sup>2</sup>), 7/32 (7x0,20mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25012	2	0.032	0,81	0.156	3,96
25013	3	0.032	0,81	0.163	4,14
25014	4	0.032	0,81	0.175	4,44
25016	6	0.032	0,81	0.201	5,11
25018	8	0.032	0,81	0.215	5,46
25020	10	0.032	0,81	0.244	6,20
25020/15	15	0.032	0,81	0.271	6,88
25020/20	20	0.032	0,81	0.300	7,62
25020/25	25	0.032	0,81	0.332	8,43

**22 AWG (0,35mm<sup>2</sup>), 7/30 (7x0,25mm), Insulation Thickness: 0.010" (0,25mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25002	2	0.032	0,81	0.168	4,27
25003	3	0.032	0,81	0.176	4,47
25004	4	0.032	0,81	0.189	4,80
25006	6	0.032	0,81	0.219	5,56
25008	8	0.032	0,81	0.235	5,97
25010	10	0.032	0,81	0.268	6,81
25010/15	15	0.032	0,81	0.299	7,59
25010/20	20	0.032	0,81	0.331	8,41
25010/25	25	0.032	0,81	0.368	9,35
25010/40	40	0.032	0,81	0.434	11,02

**20 AWG (0,56mm<sup>2</sup>), 7/28 (7x0,32mm), Insulation Thickness: 0.017" (0,43mm)**

Alpha Part No.	No. of Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25052	2	0.032	0,81	0.208	5,28
25053	3	0.032	0,81	0.219	5,56
25054	4	0.032	0,81	0.238	6,05
25056	6	0.032	0,81	0.280	7,11
25058	8	0.032	0,81	0.302	7,67
25060	10	0.032	0,81	0.348	8,84
25060/15	15	0.032	0,81	0.391	9,93
25060/20	20	0.032	0,81	0.437	11,10
25060/25	25	0.032	0,81	0.488	12,40
25060/30	30	0.032	0,81	0.517	13,13
25060/40	40	0.053	1,35	0.622	15,80
25060/50	50	0.053	1,35	0.684	17,37
25060/60	60	0.053	1,35	0.740	18,80
25060/70	70	0.083	2,11	0.859	21,82



**AVAILABILITY**

- Many Items Are Available For Same-Day Shipment From Inventory
  - Orders Placed By 6:00 EST Will Be Shipped The Same Day
- Please Refer To <http://www.alphawire.com/pages/stk.cfm> For Stocked Items
  - Minimums May Apply For Non Stocked Items

**FIT<sup>®</sup> TUBING RECOMMENDATION**

**FIT<sup>®</sup> -750** - Bonding Adhesive-Lined Irradiated Polyolefin  
(See Page 127 for Product Specifications)

Web Site: [www.alphawire.com](http://www.alphawire.com)  
Email: [info@alphawire.com](mailto:info@alphawire.com)

Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923  
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

