



**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
- Xtreme Performance Against EMI/ RFI With **SUPRASHIELD<sup>®</sup>**, Alpha's Proprietary, High Performance Shielding System



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

- CNC Machine Centers
- Automotive Assembly Plant Operations
- 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 B Page 374, 20, 18 AWG Chart A Page 374
- 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
- **SUPRASHIELD:** Aluminum/Polyester/Aluminum Foil with Stranded Tinned Copper Drain Wire Equal in Size to Insulated Conductors of Cable plus 70% Overall Braid of Tinned Copper
- 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 FT1 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 Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25271	1	0.032	0.81	0.184	4.67
25272	2	0.032	0.81	0.240	6,10
25273	3	0.032	0.81	0.252	6,40
25274	4	0.032	0.81	0.271	6,88
25275	5	0.032	0.81	0.292	7,42
25276	6	0.032	0.81	0.314	7,98
25279	9	0.032	0.81	0.360	9,14
25279/11	11	0.032	0.81	0.385	9,78
25279/15	15	0.032	0.81	0.429	10,90
25279/19	19	0.032	0.81	0.457	11,61

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

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25121	1	0.032	0.81	0.196	4,98
25122	2	0.032	0.81	0.260	6,60
25123	3	0.032	0.81	0.273	6,93
25124	4	0.032	0.81	0.295	7,49
25125	5	0.032	0.81	0.319	8,10
25126	6	0.032	0.81	0.344	8,74
25129	9	0.032	0.81	0.396	10,06
25129/11	11	0.032	0.81	0.424	10,77
25129/15	15	0.032	0.81	0.475	12,06

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

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25292	2	0.032	0.81	0.326	8,28
25293	3	0.032	0.81	0.344	8,74
25296	6	0.032	0.81	0.443	11,25
25299	9	0.032	0.81	0.515	13,08

**18 AWG (0,81mm<sup>2</sup>), 16/30 (16x0,25mm), Insulation Thickness: 0.017" (0,43mm)**

Alpha Part No.	No. of Pair.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25132	2	0.032	0.81	0.355	9,02
25133	3	0.032	0.81	0.376	9,55
25136	6	0.032	0.81	0.488	12,40
25139	9	0.053	1,35	0.611	15,52
25139/12	12	0.053	1,35	0.682	17,32



**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)

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