



## Xtreme Performance for Xtreme Environi

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:

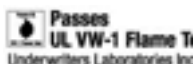
- Color Code: 24, 22 AWG Chart E Page 375, 20 AWG Chart D Page 375
- Jacket Colors: Chrome Gray, Industrial Black, Robust Red, High Visibility Yellow, Safety Orange, Bold Blue, Environmental Green, Sand Beige, Pure White

#### Product Description:

- Conductor: Stranded Tinned Copper
- Insulation : Color-Coded Premium PVC
- **SUPRASHIELD<sup>®</sup>**: 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



### 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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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
25112	2	0.032	0.81	0.184	4,67
25113	3	0.032	0.81	0.191	4,85
25114	4	0.032	0.81	0.203	5,16
25116	6	0.032	0.81	0.229	5,82
25118	8	0.032	0.81	0.243	6,17
25120	10	0.032	0.81	0.272	6,91
25120/15	15	0.032	0.81	0.299	7,59
25120/20	20	0.032	0.81	0.328	8,33
25120/25	25	0.032	0.81	0.360	9,14
25120/30	30	0.032	0.81	0.378	9,60
25120/40	40	0.032	0.81	0.418	10,62
25120/50	50	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 Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25102	2	0.032	0.81	0.196	4,98
25103	3	0.032	0.81	0.204	5,18
25104	4	0.032	0.81	0.217	5,51
25106	6	0.032	0.81	0.247	6,27
25108	8	0.032	0.81	0.263	6,68
25110	10	0.032	0.81	0.296	7,52
25110/15	15	0.032	0.81	0.327	8,31
25110/20	20	0.032	0.81	0.359	9,12
25110/25	25	0.032	0.81	0.396	10,06
25110/30	30	0.032	0.81	0.417	10,59
25110/40	40	0.032	0.81	0.462	11,73
25110/50	50	0.032	0.81	0.506	12,85

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
25152	2	0.032	0.81	0.236	5,99
25153	3	0.032	0.81	0.247	6,27
25154	4	0.032	0.81	0.266	6,76
25156	6	0.032	0.81	0.308	7,82
25158	8	0.032	0.81	0.330	8,38
25160	10	0.032	0.81	0.376	9,55
25160/15	15	0.032	0.81	0.419	10,64
25160/20	20	0.032	0.81	0.465	11,81
25160/25	25	0.032	0.81	0.516	13,11
25160/30	30	0.032	0.81	0.545	13,84
25160/40	40	0.053	1,35	0.656	16,66
25160/50	50	0.053	1,35	0.718	18,24