

# XTRA-GUARD<sup>®</sup>2

MULTICONDUCTOR, FOIL SHIELD

Xtreme Performance for Xtreme Environments



UL AWM 20668  
CSA AWM I A/B II A/B FT1  
RoHS COMPLIANT  
300 VOLT

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



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**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
- Shield : Aluminum/Polyester Foil Facing In with Stranded Tinned Copper Drain Wire Equal in Size to Insulated Conductors of Cable
- 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 Cond.	Jacket Thickness		Nominal Diameter	
		Inches	mm	Inches	mm
25092	2	0.032	0.81	0.160	4.06
25093	3	0.032	0.81	0.167	4.24
25094	4	0.032	0.81	0.179	4.55
25096	6	0.032	0.81	0.205	5.21
25098	8	0.032	0.81	0.219	5.56
25100	10	0.032	0.81	0.248	6.30
25100/15	15	0.032	0.81	0.275	6.98
25100/20	20	0.032	0.81	0.304	7.72
25100/25	25	0.032	0.81	0.336	8.53
25100/50	50	0.032	0.81	0.433	11.00

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
25192	2	0.032	0.81	0.172	4.37
25193	3	0.032	0.81	0.180	4.57
25194	4	0.032	0.81	0.193	4.90
25196	6	0.032	0.81	0.223	5.66
25198	8	0.032	0.81	0.239	6.07
25199/10	10	0.032	0.81	0.272	6.91
25199/15	15	0.032	0.81	0.303	7.70
25199/20	20	0.032	0.81	0.335	8.51
25199/25	25	0.032	0.81	0.372	9.45
25199/30	30	0.032	0.81	0.393	9.98
25199/40	40	0.032	0.81	0.438	11.13
25199/50	50	0.032	0.81	0.482	12.24

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
25462	2	0.032	0.81	0.212	5.38
25463	3	0.032	0.81	0.223	5.66
25464	4	0.032	0.81	0.242	6.15
25466	6	0.032	0.81	0.284	7.21
25468	8	0.032	0.81	0.306	7.77
25470	10	0.032	0.81	0.352	8.94
25470/15	15	0.032	0.81	0.395	10.03
25470/20	20	0.032	0.81	0.441	11.20
25470/25	25	0.032	0.81	0.492	12.50
25470/30	30	0.032	0.81	0.521	13.23
25470/40	40	0.053	1.35	0.626	15.90
25470/50	50	0.053	1.35	0.688	17.48



**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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