

# XTRA•GUARD® 1

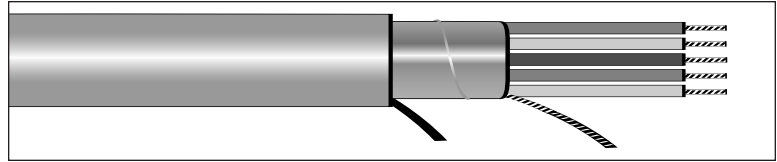
## MULTICONDUCTOR, FOIL SHIELD

EXTRA-PREMIUM GRADE PVC JACKET FOR EXTENDED CABLE LIFE

UL AWM 2501  
CSA AWM I A/B II A/B FT4  
RoHS COMPLIANT  
600 VOLT

### CHOOSE XTRA•GUARD 1 FOR:

- Unsurpassed Flame and Moisture Resistance
- Fast, Easy Stripping of Insulation and Jacket
- UL Recognition and CSA Certification
- Flexible Cable Routing Requirements



### XTRA•GUARD 1 APPLICATIONS:

- EIA RS 232C Interface (22 AWG)
- High Technology Applications in Controlled Environments
- Medical Electronics
- Point-Of-Sale Equipment
- Computer Peripherals
- Industrial Process Controls

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -20°C to 105°C

#### VOLTAGE RATING:

- 600 Volt

#### COLOR DESCRIPTION:

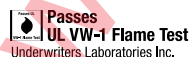
- Color Code: Chart E Page 375
- Jacket Colors: Gray, Black

#### 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
- Nylon Rip Cord for Ease of Jacket Stripping
- Jacket: Premium PVC

### SPECIFICATIONS

- UL AWM Style 2501
- CSA AWM I A/B II A/B FT4
- Passes UL VW-1 Flame Test
- Passes CSA FT4 Flame Test
- RoHS Compliant



**22 AWG** (0,35mm<sup>2</sup>), **7/30** (7x0,25mm), Insulation Thickness: **0.032"** (0,81mm)

| XTRA•GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5410/2                | 2            | 0.063            | 1,60 | 0.32             | 8,2  |
| 5410/3                | 3            | 0.063            | 1,60 | 0.34             | 8,6  |
| 5410/4                | 4            | 0.063            | 1,60 | 0.39             | 9,8  |
| 5410/5                | 5            | 0.063            | 1,60 | 0.41             | 10,5 |
| 5410/9                | 9            | 0.063            | 1,60 | 0.50             | 12,6 |
| 5410/12               | 12           | 0.063            | 1,60 | 0.55             | 13,9 |

**20 AWG** (0,56mm<sup>2</sup>), **7/28** (7x0,32mm), Insulation Thickness: **0.032"** (0,81mm)

| XTRA•GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5420/3                | 3            | 0.063            | 1,60 | 0.35             | 8,9  |
| 5420/4                | 4            | 0.063            | 1,60 | 0.40             | 10,2 |
| 5420/5                | 5            | 0.063            | 1,60 | 0.43             | 10,9 |
| 5420/7                | 7            | 0.063            | 1,60 | 0.47             | 12,1 |
| 5420/9                | 9            | 0.063            | 1,60 | 0.51             | 13,1 |
| 5420/12               | 12           | 0.063            | 1,60 | 0.57             | 14,4 |

**18 AWG** (0,81mm<sup>2</sup>), **16/30** (16x0,25mm), Insulation Thickness: **0.032"** (0,81mm)

| XTRA•GUARD 1 Part No. | No. of Cond. | Jacket Thickness |      | Nominal Diameter |      |
|-----------------------|--------------|------------------|------|------------------|------|
|                       |              | Inches           | mm   | Inches           | mm   |
| 5430/2                | 2            | 0.063            | 1,60 | 0.35             | 9,0  |
| 5430/3                | 3            | 0.063            | 1,60 | 0.37             | 9,5  |
| 5430/4                | 4            | 0.063            | 1,60 | 0.43             | 10,9 |
| 5430/5                | 5            | 0.063            | 1,60 | 0.46             | 11,6 |
| 5430/7                | 7            | 0.063            | 1,60 | 0.51             | 12,9 |
| 5430/9                | 9            | 0.063            | 1,60 | 0.55             | 14,0 |
| 5430/12               | 12           | 0.063            | 1,60 | 0.61             | 15,5 |
| 5430/15               | 15           | 0.063            | 1,60 | 0.66             | 16,8 |
| 5430/19               | 19           | 0.063            | 1,60 | 0.72             | 18,4 |
| 5430/25               | 25           | 0.063            | 1,60 | 0.80             | 20,3 |

### AVAILABILITY

- In Stock: Gray 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups
- Made-To-Order: Black, 1000 ft (305m) minimum

### FIT® TUBING RECOMMENDATION

**FIT®-221** – General Purpose, Irradiated Polyolefin (See Page 114 for Product Specifications)

**FIT®-321** – Medium Wall, Adhesive Lined, Irradiated Polyolefin (See Page 121 for Product Specifications)

FOR COMPLETE PRODUCT PERFORMANCE DATA, SEE TECHNICAL SECTION IN THE BACK OF THIS BOOK.



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