

XTRA•GUARD® 4

MULTICONDUCTOR, SUPRASHIELD®

EXTRA-PROTECTION, HIGH/LOW TEMPERATURE TPE JACKET

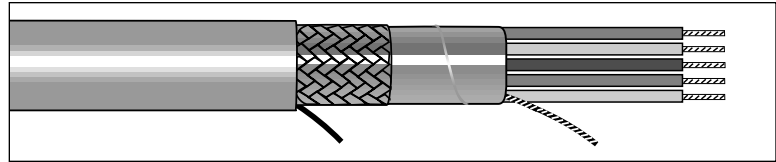
UL TYPE TC, UL AWM STYLE 20238

CSA AWM I A/B II A/B FT1

600 VOLT

CHOOSE XTRA•GUARD 4 FOR:

- Three Times the Low-Temperature Flexibility of Conventional PVC
- Unmatched Performance at Temperatures from -60°C to 125°C
- Resistance to Oils, Fuels, Solvents and Water
- UL Recognition, UL Listing and CSA Certification
- Unmatched Flame Resistant Insulation and Jacket
- Ultraviolet Light Stability (jacket color black)
- **SUPRASHIELD** – Twice as Effective as Foil Shielding



XTRA•GUARD 4 APPLICATIONS:

- Wood, Paper, Pulp, Plant Operations
- Mining Instruments and Controls
- Mass Transit Systems
- Food and Beverage Plants
- Petrochemical Process Controls
- Arctic Pipeline Controls

CHARACTERISTICS

OPERATING TEMPERATURE:

- -60°C to 125°C

VOLTAGE RATING:

- 600 Volt

COLOR DESCRIPTION:

- Color Code: Chart E Page 375
- Jacket Colors: Yellow, Orange, Blue, Green, Red, Black, White and Gray

PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded Thermoplastic Elastomer
- **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
- Nylon Rip Cord for Ease of Jacket Stripping
- Jacket: Thermoplastic Elastomer

18 AWG (0,81mm²), **16/30** (16x0,25mm), Insulation Thickness: **0.032"** (0,81mm)

| XTRA•GUARD 4 Part No. | No. of Cond. | Jacket Thickness | | Nominal Diameter | |
|-----------------------|--------------|------------------|------|------------------|------|
| | | Inches | mm | Inches | mm |
| 45522 | 2 | 0.063 | 1,60 | 0.37 | 9,5 |
| 45523 | 3 | 0.063 | 1,60 | 0.39 | 10,0 |
| 45524 | 4 | 0.063 | 1,60 | 0.43 | 10,9 |
| 45525 | 5 | 0.063 | 1,60 | 0.46 | 11,7 |
| 45527 | 7 | 0.063 | 1,60 | 0.48 | 12,3 |
| 45529 | 9 | 0.063 | 1,60 | 0.56 | 14,2 |
| 45529/12 | 12 | 0.063 | 1,60 | 0.62 | 15,6 |

16 AWG (1,23mm²), **19/0.0117** (19x0,29mm), Insulation Thickness: **0.032"** (0,81mm)

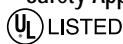
| XTRA•GUARD 4 Part No. | No. of Cond. | Jacket Thickness | | Nominal Diameter | |
|-----------------------|--------------|------------------|------|------------------|------|
| | | Inches | mm | Inches | mm |
| 45532 | 2 | 0.063 | 1,60 | 0.40 | 10,2 |
| 45533 | 3 | 0.063 | 1,60 | 0.42 | 10,7 |
| 45534 | 4 | 0.063 | 1,60 | 0.46 | 11,8 |
| 45535 | 5 | 0.063 | 1,60 | 0.50 | 12,6 |
| 45537 | 7 | 0.063 | 1,60 | 0.52 | 13,3 |
| 45539 | 9 | 0.063 | 1,60 | 0.61 | 15,5 |
| 45539/12 | 12 | 0.063 | 1,60 | 0.68 | 17,2 |

14 AWG (2,08mm²), **41/30** (41x0,25mm), Insulation Thickness: **0.032"** (0,81mm)

| XTRA•GUARD 4 Part No. | No. of Cond. | Jacket Thickness | | Nominal Diameter | |
|-----------------------|--------------|------------------|------|------------------|------|
| | | Inches | mm | Inches | mm |
| 45542 | 2 | 0.063 | 1,60 | 0.43 | 10,9 |
| 45543 | 3 | 0.063 | 1,60 | 0.45 | 11,5 |
| 45544 | 4 | 0.063 | 1,60 | 0.50 | 12,7 |
| 45545 | 5 | 0.063 | 1,60 | 0.54 | 13,7 |
| 45547 | 7 | 0.063 | 1,60 | 0.57 | 14,4 |
| 45549 | 9 | 0.063 | 1,60 | 0.66 | 16,8 |

SPECIFICATIONS

- UL AWM Style 20238
- UL Type TC
- CSA AWM I A/B II A/B FT1
- Passes UL Vertical Tray Flame Test
- Pennsylvania Bureau of Deep Mine Safety Approved P-MWMS-1-85



Canadian Standards Association

AVAILABILITY

- Made-To-Order: All available jacket colors, 1,000 ft (305m) minimum

Teflon® is a registered trademark of E.I. DuPont Co.

FIT® TUBING RECOMMENDATION

FIT®-600 – Highly Flexible, Irradiated Elastomer (See Page 131 for Product Specifications)

FIT®-400 – Temperature/Chemical Resistant FEP Teflon®

(See Page 129 for Product Specifications)

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



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