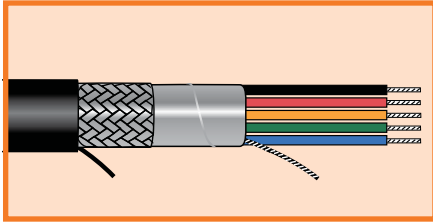




## Xtra-Guard® 4

### Advanced Temperature and Chemical Performance 300 V Supra-Shield® Foil/Braid, Multiconductor



**UL AWM 20237**  
**UL PLTC**  
**CSA AWM I/II A/B FT1**  
**MSHA P-07-KA070017-MSHA**  
**NEC Class 1, Div 2**

#### Operating Temperature

- -50°C to +125°C

#### Conductor Color Coding

- 24, 22 AWG: Chart E (page 532)
- 20, 18, 16 AWG: Chart D (page 531)
- Nine jacket colors (black standard)
- Custom colors available

#### Materials

- Stranded tinned copper conductors
- TPE insulation
- TPE jacket
- Supra-Shield foil + braid shield: Aluminum/polyester/aluminum foil with 25% overlap min. Tinned copper drain wire sized the same as conductors
- Tinned copper braid, 70% coverage min.
- Nylon ripcord

#### Availability

Made to order  
 1000 ft (305 m) minimum

#### FIT® Tubing Recommendations

- FIT-600: highly flexible, cross-linked elastomer
- FIT-400: temperature/chemical resistant FEP

#### 18 AWG (0.81 mm²)

Stranding: 16/30 (16 x 0.25 mm)  
 Insulation thickness: 0.016 (0.41 mm)

| Part No.        | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|------------|------------------|-------|------------------|------|
|                 |            | Inch             | mm    | Inch             | mm   |
| <b>45162</b>    | 2          | 0.280            | 7.11  | 0.045            | 1.14 |
| <b>45162/1*</b> | 2          | 0.280            | 7.11  | 0.045            | 1.14 |
| <b>45163</b>    | 3          | 0.292            | 7.42  | 0.045            | 1.14 |
| <b>45163/1*</b> | 3          | 0.292            | 7.42  | 0.045            | 1.14 |
| <b>45164</b>    | 4          | 0.313            | 7.95  | 0.045            | 1.14 |
| <b>45166</b>    | 6          | 0.361            | 9.17  | 0.045            | 1.14 |
| <b>45168</b>    | 8          | 0.406            | 10.31 | 0.045            | 1.14 |
| <b>45170</b>    | 10         | 0.458            | 11.63 | 0.055            | 1.40 |
| <b>45170/15</b> | 15         | 0.507            | 12.88 | 0.055            | 1.40 |
| <b>45170/20</b> | 20         | 0.558            | 14.17 | 0.055            | 1.40 |
| <b>45170/25</b> | 25         | 0.636            | 16.15 | 0.065            | 1.65 |
| <b>45170/30</b> | 30         | 0.675            | 17.15 | 0.065            | 1.65 |

\*Conductors color-coded per international standards: brown, blue, green/yellow.

#### 16 AWG (1.23 mm²)

Stranding: 19/0.0117 (19 x 0.29 mm)  
 Insulation thickness: 0.016 (0.41 mm)

| Part No.        | Conductors | Nominal Diameter |       | Jacket Thickness |      |
|-----------------|------------|------------------|-------|------------------|------|
|                 |            | Inch             | mm    | Inch             | mm   |
| <b>45172</b>    | 2          | 0.304            | 7.72  | 0.045            | 1.14 |
| <b>45172/1*</b> | 2          | 0.304            | 7.72  | 0.045            | 1.14 |
| <b>45173</b>    | 3          | 0.318            | 8.08  | 0.045            | 1.14 |
| <b>45173/1*</b> | 3          | 0.318            | 8.08  | 0.045            | 1.14 |
| <b>45174</b>    | 4          | 0.342            | 8.69  | 0.045            | 1.14 |
| <b>45176</b>    | 6          | 0.417            | 10.59 | 0.055            | 1.40 |
| <b>45178</b>    | 8          | 0.446            | 11.33 | 0.055            | 1.40 |
| <b>45180</b>    | 10         | 0.506            | 12.85 | 0.055            | 1.40 |
| <b>45180/15</b> | 15         | 0.562            | 14.27 | 0.055            | 1.40 |
| <b>45180/20</b> | 20         | 0.641            | 16.28 | 0.065            | 1.65 |
| <b>45180/25</b> | 25         | 0.714            | 18.14 | 0.065            | 1.65 |

\*Conductors color-coded per international standards: brown, blue, green/yellow.

