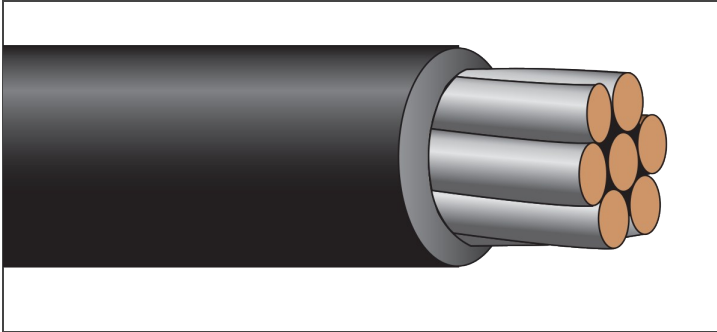


## SINGLE CONDUCTOR



## SERVICEPRO-X®

### RW90

600 Volt Copper, FT-1, Tinned  
No Pulling Lubricant Required



### Description:

Single tinned copper conductor, stranded and insulated with moisture, heat, and flame resistant, chemically crosslinked polyethylene. ServicePRO-X® Insulation—No Pulling Lubricant Required (#6 AWG and larger). **Available in colors.**

### Application:

Suitable for general purpose wiring, power distribution, and branch circuit wiring, where a cable having superior flame retardance is required. Suitable for use in 105°C dry systems. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (*Hospital Grade*).

### Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B-33 (*tinned*), B787 (*combination strand*)  
UL 44, C(UL) US RW90: UL Listed/C(UL): Certified by UL for use in Canada  
ICEA S-95-658/NEMA WC-70  
Flame Rated: FT-1 (*all sizes*), CT Use/IEEE1202 (*1/0 AWG and larger*), FT-4 (*1/0 AWG and larger*)  
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C  
Sunlight Resistant (#6 AWG and larger), Gasoline and Oil Resistant II  
Appliance Wiring Material: Style 3578  
RoHS Compliant

| Part Number | Size<br>(AWG or Kcmil) | Strand<br>(no.) | Insulation Thickness<br>(mils) | Nominal Diameter Overall<br>(in.) | Approx. Net Weight<br>(lb./1000') | Ampacity*<br>90°C Wet/Dry |
|-------------|------------------------|-----------------|--------------------------------|-----------------------------------|-----------------------------------|---------------------------|
| XHVWT14BK   | 14                     | 7               | 30                             | 0.133                             | 19                                | 35†                       |
| XHVWT12BK   | 12                     | 7               | 30                             | 0.152                             | 28                                | 40†                       |
| XHVWT10BK   | 10                     | 7               | 30                             | 0.175                             | 41                                | 55†                       |
| XHVWT8BK    | 8                      | 7               | 45                             | 0.233                             | 66                                | 80                        |
| XHVWT6BK    | 6                      | 7               | 45                             | 0.271                             | 102                               | 105                       |
| XHVWT4BK    | 4                      | 7               | 45                             | 0.320                             | 155                               | 140                       |
| XHVWT3BK    | 3                      | 7               | 45                             | 0.344                             | 185                               | 165                       |
| XHVWT2BK    | 2                      | 7               | 45                             | 0.374                             | 238                               | 190                       |
| XHVWT1BK    | 1                      | 19              | 55                             | 0.426                             | 301                               | 220                       |
| XHVWT1/0BK  | 1/0                    | 19              | 55                             | 0.467                             | 374                               | 260                       |
| XHVWT2/0BK  | 2/0                    | 19              | 55                             | 0.512                             | 465                               | 300                       |
| XHVWT3/0BK  | 3/0                    | 19              | 55                             | 0.560                             | 579                               | 350                       |
| XHVWT4/0BK  | 4/0                    | 19              | 55                             | 0.619                             | 723                               | 405                       |
| XHVWT250BK  | 250                    | 37              | 65                             | 0.702                             | 850                               | 455                       |
| XHVWT300BK  | 300                    | 37              | 65                             | 0.759                             | 997                               | 500                       |
| XHVWT350BK  | 350                    | 37              | 65                             | 0.806                             | 1,173                             | 570                       |
| XHVWT400BK  | 400                    | 37              | 65                             | 0.851                             | 1,314                             | 615                       |
| XHVWT500BK  | 500                    | 37              | 65                             | 0.926                             | 1,651                             | 700                       |
| XHVWT600BK  | 600                    | 61              | 80                             | 1.047                             | 1,972                             | 780                       |
| XHVWT750BK  | 750                    | 61              | 80                             | 1.145                             | 2,444                             | 885                       |

\*Per NEC Table 310.15 (B)(17). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.