

## VITALink® 300 Cable

### 1 Hour Fire Rated Cable Listed to UL 2196



#### ABOUT VITALink® 300

VITALink® 300 is an RHW-2/RW90 cable, which offers superior fire endurance capabilities along with the well-established benefits and features associated with NEC and CE Code Type RHW-2/RW90 cable designs. It is designed with the highest fill ratios resulting in smaller conduits that provide cost and space savings. It is also designed to meet the circuit integrity requirements for emergency lighting, communication, and ventilation applications with respect to NFPA 130.

#### FEATURES & BENEFITS

- Listed to latest revision of UL 2196/ULC S-139 (FHIT/FHIT7 System 130 with 1 hour fire rating at 480V)
- Accommodates up to 7 conductors in one conduit and up to 38% fill ratio (see installation manual for details)
- The only complete phenolic system featuring a UL 2196 listed splice box and wet listing for NFPA 130 compliance
- 90°C Wet Rated, UL 1685 FT4/IEEE 1202 ST1 listed
- Low Smoke, Zero Halogen design
- Flexible for installation ease
- Easy stripability
- Available in long lengths
- No special tools needed for termination
- Easily pulled (low friction jacket)
- Listed with Champion Flame Shield Phenolic Conduit Type XW
- Listed with Polywater LZ or WLZ pulling lubricant

#### PRODUCT MATRIX

Product Code	Conductor Size (AWG/Kcmil)	Number of Strands	Insulation Thickness (mils)	Approx. Diameter (inches)	Approx. Weight (lbs/kft)	Ampacity <sup>1</sup> (amperes)
VR01012-300	12	7	45	0.21	39	20 <sup>2</sup>
VR01010-300	10	7	45	0.24	54	30 <sup>2</sup>
VR01008-300	8	7	60	0.30	84	55
VR01006-300	6	7	75	0.36	126	75
VR01004-300	4	7	75	0.41	182	95
VR01003-300	3	7	75	0.44	220	115
VR01002-300	2	7	75	0.47	268	130
VR01001-300	1	19	100	0.55	360	145
VR011X0-300	1/0	19	100	0.59	435	170
VR012X0-300	2/0	19	100	0.64	530	195
VR013X0-300	3/0	19	100	0.69	650	225
VR014X0-300	4/0	19	100	0.74	800	260
VR01250-300	250	37	130	0.85	975	290
VR01300-300	300	37	130	0.90	1140	320
VR01350-300	350	37	130	0.95	1315	350
VR01400-300	400	37	130	1.00	1485	380
VR01500-300	500	37	130	1.08	1820	430

<sup>1</sup> Ampacity is based on Table 310.16 of the 2020 National Electrical Code (NEC) based on the 90°C column with 30°C ambient, and 3 current carrying conductors. Temperature limitations per 110.14 of the NEC needs to be considered. Table does not take into consideration voltage drop or fault current capability.

<sup>2</sup> Ampacity shown for 12 and 10 AWG conductors is limited by NEC section 240.4(D)