

FORCE CABLES XHHW/XHHW-2,CT

Aluminum AA-8000

XLPE Insulated VW-1; GR I; GR II; SR; CT; 600/1000 V



STANDARDS / COMPLIANCE

ASTM B-801 Aluminum Alloy for Subsequent Covering or Insulation

ASTM B-901 SIW construction

UL 44 Thermoset-Insulated Wire and Cable

ICEA S-95-658/ NEMA WC70 Nonshielded 0 – 2 kV Cables

APPLICATION

These cables are used for general purpose wiring in circuits not exceeding 600/1000 volts as indicated for the sizes.

May be used in wet or dry locations, installed in conduit, duct, or open air.

Suitable for use in low leakage circuits per NEC requiring a dielectric constant less than 3.5.

CONSTRUCTION

Conductor

Aluminum AA-8000 alloy compacted conductor, Class B stranding, as per ASTM B801 and B901. Sizes: 6 # through 1000 kcmil. On request, larger sizes are available.

Separator

A suitable opaque tape, as required.

Insulation

Blue Thermoset flame retardant cross-linked polyethylene (XLPE). On request, more colored insulation shall be optional.

CHARACTERISTICS

Electrical performance

Maximum operating voltage:
600 /1000V

Thermal performance

Maximum conductor operation temperatures:
90 ° C wet and dry

Sizes 1/0 and larger are UL Listed to mark CT USE in accordance with NEC meeting UL 1685 vertical-tray flame exposure at 70,000 Btu/hr. Sunlight Resistant in all colors. Rated VW-1, Gas & Oil Resistant GRI or GRII. Complete cable is Lead Free and RoHS compliant. Use of lubrication is not mandatory to install QI® XHHW/ XHHW-2 conductors in the raceways or cable trays. Complete cable is Silicon Free.

UL File No.:

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