

SIMpull XHHW-2® Aluminum XHHW Wire & Cable



CONSTRUCTION:

Southwire Type XHHW-2 aluminum conductors are Alumaflex® brand AA-8000 series aluminum alloy, compact stranded. The insulation is an abrasion, moisture and heat resistant SIMpull® thermoset cross-linked polyethylene. Marked sunlight resistant.

APPLICATIONS AND FEATURES:

Southwire® SIMpull XHHW-2® aluminum conductors are primarily used in conduit or recognized raceways for service and feeder wiring as specified in the National Electrical Code. XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C. Voltage rating for XHHW-2 conductors is 1000 volts. Suitable for use in Health Care Facilities per section 517.160 of the NEC where a dielectric constant of 3.5 or less may be specified. This product is designed to be installed without the application of pulling lubricant.

STANDARDS AND REFERENCE:

Southwire SIMpull® Aluminum Type XHHW-2 conductors comply with the following:

- ASTM – B800 and B801
- Listed per UL Standard 44
- NOM-ANCE 90° C
- Federal Specification A-A-59544
- National Electrical Code, NFPA 70
- NEMA WC-70 (ICEA S-95-658) Construction Requirements
- Gas & Oil Resistant II
- Sunlight Resistant
- RoHS/Reach Compliant

CABLE SIZE	CABLE SIZE UOM	NOM. OD (MILS)	NOM. INS. THICKNESS (MILS)	NOM. TOTAL WEIGHT (LBS/MFT)	ALLOWABLE AMPACITY AT 60°C	ALLOWABLE AMPACITY AT 75°C	ALLOWABLE AMPACITY AT 90°C
AWG	AWG	259	45	39.35952	40	50	55

