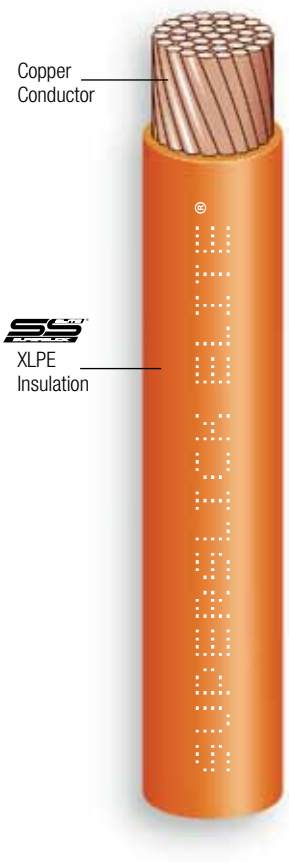

ENGINEERING SPECIFICATIONS:

Standards:

Underwriters Laboratories Standard UL-44
ASTM Stranding Class B3, B8, B787
Federal Specification A-A-59544
Canadian Standards Association C22.2 No. 38
NEMA WC-70/ICEA S-95-658
NFPA 70: National Electrical Code (NEC)
UL 1685-FT4/IEEE 1202 (70,000 Btu/hr) Flame Test (1/0 AWG and larger)
ICEA T-29-520 (210,000 Btu/hr) Flame Test
ARRA 2009; Section 1605 "Buy American" Compliant

Listed E-177544

CONSTRUCTION:

Conductors:

Stranded, uncoated bare copper conductors per ASTM-B3, ASTM-B787 and ASTM-B8

Insulation:

Cross-linked polyethylene (XLPE) insulation per UL-44

Applications:

Type XHHW-2/RW90 building wire is intended for general purpose applications utilized in conduit, underground in conduit, or other recognized raceways for services, feeders, and branch-circuit wiring as specified in the National Electrical Code (NEC). Type XHHW-2/RW90 is permitted for 600 volt applications and can be used in wet or dry locations at temperatures not to exceed 90˚C. Suitable for applications requiring low-leaking circuits and a dielectric constant of 3.5 or less.

Features:

A great alternative to eliminate the need for lube. Slick outer surface for easy pulling. SuperSlick Elite® XHHW-2/RW90 is available in sizes 8 AWG through 1000 KCMIL. On 250 KCMIL and larger, sequential foot markings located every foot for easy measuring. Rated VW-1. For 1 AWG through 4/0 AWG, sequential foot markings on master reels only unless otherwise specified. 6 AWG and larger rated Sunlight Resistant in all colors. 1/0 AWG and larger are rated for cable tray use and comply with IEEE 1202/FT4 (70,000 Btu/hr) flame test and ICEA T-29-520 (210,000 Btu/hr) flame test.

XHHW-2/RW90 Copper Conductor SuperSlick Elite® 600V

Size (AWG or KCMIL)	Number of Strands	Insulation Thickness XLPE		Outside Diameter		Approximate Net Weight		Allowable Ampacity (Amps)**			Standard Packaging (ft)
		(mm)	(in)	(mm)	(in)	(kg/km)	(lbs/1000 ft)	60°C	75°C	90°C	
8	7*	1.14	0.045	5.99	0.236	94	63	40	50	55	500' 1000' 2500' 5000' reels
6	7*	1.52	0.045	7.71	0.274	150	101	55	65	75	500' 1000' 2500' 5000' reels
4	7*	1.52	0.045	8.93	0.322	228	153	70	85	95	500' 1000' 2500' 5000' reels
3	7*	1.52	0.045	9.65	0.350	280	188	85	100	110	500' 1000' 2500' 5000' reels
2	7*	1.52	0.045	10.46	0.382	348	234	95	115	130	500' 1000' 2500' 5000' reels
1	19	2.03	0.055	12.39	0.438	451	303	110	130	150	500' 1000' 2500' 5000' reels
1/0	19	2.03	0.055	13.20	0.470	557	374	125	150	170	500' 1000' 2500' 5000' reels
2/0	19	2.03	0.055	14.32	0.514	690	464	145	175	195	500' 1000' 2500' 5000' reels
3/0	19	2.03	0.055	15.59	0.564	859	577	165	200	225	500' 1000' 2500' 5000' reels
4/0	19	2.03	0.055	17.01	0.620	1068	718	195	230	260	500' 1000' 2500' 5000' reels
250	37	1.64	0.065	17.05	0.671	1229	826	215	255	290	500' 1000' 2500' 4000' reels
300	37	1.65	0.065	18.93	0.724	1466	985	240	285	320	500' 1000' 3500' reels
350	37	1.65	0.065	19.58	0.771	1702	1144	260	310	350	500' 1000' 3000' reels
400	37	1.65	0.065	20.70	0.815	1937	1302	280	335	380	500' 1000' 3000' reels
500	37	1.65	0.065	22.76	0.896	2408	1618	320	380	430	500' 1000' 2500' reels
600	61	1.65	0.080	25.98	1.023	2929	1969	355	420	475	500' 1000' 2000' reels
750	61	2.03	0.080	29.41	1.158	3588	2411	400	475	535	500' 1000' 1500' reels
1000	61	2.03	0.080	33.32	1.312	4757	3197	455	545	615	500' 1000' reels

*8 AWG-2 AWG: 19/w is available by request.

**Allowable ampacity shown above is per the National Electrical Code. The above data is approximate and subject to normal manufacturing tolerances.

PRINT LEGEND:

STRANDED CONDUCTOR: 8AWG: ENCORE WIRE CORPORATION (SIZE) TYPE XHHW-2 GR II VW-1 600 VOLTS XLPE (UL) OR C(UL) TYPE RW90 XLPE DATE/TIME/OPER/QC.

STRANDED CONDUCTOR: 6AWG THROUGH 1AWG: ENCORE WIRE CORPORATION (SIZE) TYPE XHHW-2 GR II VW-1 SUN-RES 600 VOLTS XLPE (UL) OR C(UL) TYPE RW90 XLPE DATE/TIME/OPER/QC.

STRANDED CONDUCTOR: 1/0AWG THROUGH 1000KCMIL: ENCORE WIRE CORPORATION (SIZE) TYPE XHHW-2 GR II VW-1 SUN-RES 600 VOLTS XLPE (UL) FOR CT USE OR IEEE 1202 OR C(UL) TYPE RW90 XLPE FT4 DATE/TIME/OPER/QC.