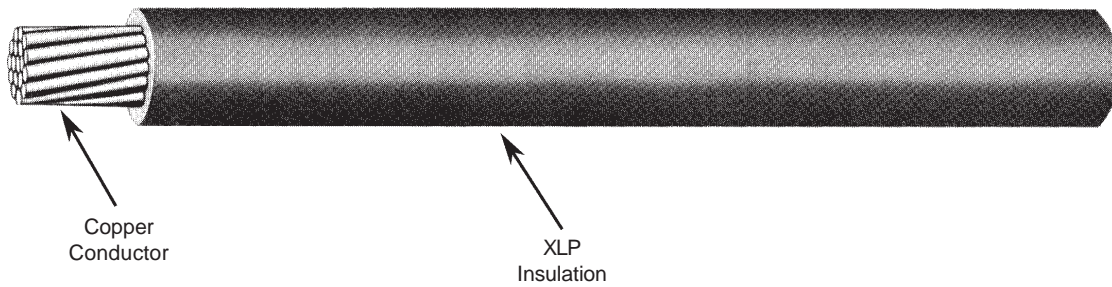


**XHHW-2 VW-1
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT**

SPEC 1-50-2
Ver. 7.0
Revised: 05/18/06



90°C CONDUCTOR TEMPERATURE WET OR DRY

	Conductor			Insulation in Mils	Approximate O.D. in Inches	Ampacity* 90°C	Approximate Net Weight LBS/KFT
	Size AWG or KCMIL	No. of Strands*	Nominal O.D.				

SINGLE CONDUCTOR 600 VOLT

NON STOCK ITEM. PLEASE CONSULT FACTORY	8	7	0.14	45	0.24	55	65
	6	7	0.18	45	0.28	75	102
	4	7	0.23	45	0.33	95	155
	3	7	0.25	45	0.35	110	192
	2	7	0.28	45	0.39	130	233
	1	19	0.32	55	0.45	150	299
	1/0	19	0.36	55	0.49	170	367
	2/0	19	0.41	55	0.53	195	463
	3/0	19	0.46	55	0.58	225	570
	4/0	19	0.51	55	0.64	260	719
	250	37	0.56	65	0.71	290	843
	300	37	0.61	65	0.76	320	1004
	350	37	0.66	65	0.81	350	1172
	400	37	0.71	65	0.84	380	1316
	500	37	0.79	65	0.94	430	1647
600	61	0.87	80	1.04	475	1969	
750	61	0.97	80	1.14	535	2465	
1000	61	1.12	80	1.30	615	3260	

Note: *Based on three conductors in raceway or conduit, 30°C ambient temperature per NEC. The above data is approximate and subject to normal manufacturing tolerances.

*19 stranding is combination unilay per ASTM 787.

SAMPLE LEGEND (BLACK ONLY):

2 AWG TYPE XHHW-2 VW-1 600V GASOLINE & OIL RESISTANT I & II (UL) E63539

1/0 AWG TYPE XHHW-2 VW-1 600V GASOLINE & OIL RESISTANT I & II FOR CT USE (UL) E63539

LISTINGS AND RATINGS:

1. Listed by UL as Type XHHW-2 VW-1 per Standard UL 44.
2. Sizes 1/0 AWG and larger are listed by UL for CT Use per Standard UL 1685.
3. Sizes 1/0 AWG and larger pass IEEE 383 & 1202 (FT4) Vertical Tray Flame Tests.
4. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
5. Conforms to Federal Specification J-C-30B.

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