



**TWISTED UNJACKETED
600 VOLTS RUBBER
SUBMERSIBLE PUMP CABLE 2 & 3 CONDUCTORS
WITH GROUND INSULATION: RHW - RUBBER
OUTER JACKET: HEAVY DUTY CPE - Chlorinated Polyethylene Rubber
SIZES: 14 AWG - 2 AWG, 75°C TO 75°C**



1.0 APPLICATIONS:

1.1 Twisted, submersible and direct burial rated at 600V insulated with RHW rubber and jacketed with CPE and then twisted together.

2.0 CONSTRUCTION:

2.1 Conductors:
Soft drawn bare copper conforming to ASTM B-3. Stranding shall conform to ASTM B-8.

2.2 Insulation:
UL RHW 75°C, rubber, conforming to UL standard 44.

2.3 Insulation:
UL heavy duty CPE, colored, conforming to UL standard 44.

2.4 Color Code:

Jacket colored as follows:
2 Wire Cables: Black/Yellow
3 Wire Cables: Black/Yellow/Green
4 Wire Cables: Black/Yellow/Red/Green

2.5 Assembly:

Two, Three or four insulated conductors are twisted together in a twisted lay.

2.6 Markings:

Ink print jacket surface: "Size AWG type USE to Type RHW 600 Volts Paige Electric Corp. (UL) Submersible Pump Cable".

2.7 Testing:

Physical and Electrical tests in accordance with the requirement of Underwriters' Laboratories standards 44 and 854 for Type USE/RHW Submersible Pump Cable.

3.0

Conductor Size AWG	Number of Insulated Conductors	Ground Size AWG	Power Conductor Stranding	Insulation Thickness	Jacket Thickness	Cable O.D.		Cable Weight lbs./mft*	Ampacity (1) 40°C Ambient Temp.
				MIL	MIL	Inches	mm		
14	2	N/A	SOLID	.045"	.030"	0.440	11.176	67	15
12	2	N/A	SOLID	.045"	.030"	0.490	12.446	90	20
10	2	N/A	SOLID	.045"	.030"	0.520	13.208	120	30
8	2	N/A	SOLID	.060"	.030"	0.680	17.272	210	50
14	3	N/A	SOLID	.045"	.030"	0.460	11.684	105	15
12	3	N/A	SOLID	.045"	.030"	0.520	13.208	135	20
10	3	N/A	SOLID	.045"	.030"	0.560	14.224	180	30
8	3	N/A	SOLID	.060"	.030"	0.740	18.796	328	50
6	3	N/A	19 x .0372"	.060"	.030"	0.820	20.828	447	65
4	3	N/A	19 x .0469"	.060"	.030"	0.920	23.368	630	85
2	3	N/A	19 x .0591"	.060"	.030"	1.080	27.432	860	115
14	2	14	SOLID	.045"	.030"	0.506	12.852	120	15
12	2	12	SOLID	.045"	.030"	0.512	13.005	165	20
10	2	10	SOLID	.045"	.030"	0.559	14.199	207	30
8	2	10	SOLID	.060"	.030"	0.640	16.256	348	50
14	3	14	SOLID	.045"	.030"	0.550	13.970	150	15
12	3	12	SOLID	.045"	.030"	0.575	14.605	206	20
10	3	10	SOLID	.045"	.030"	0.626	15.900	250	30
8	3	10	SOLID	.060"	.030"	0.750	19.050	443	50
6	3	8	19 x .0372"	.060"	.030"	0.875	22.225	607	65
4	3	8	19 x .0469"	.060"	.030"	1.000	25.400	879	85
2	3	6	19 x .0591"	.060"	.030"	1.200	30.480	1420	115

Ampacities (Amps per conductor) are based on 30°C ambient temperature in air. 90°C conductor temperature per the 2002NEC Table 400-5 (B)