



**TWISTED UNJACKETED
600 VOLTS TYPE THW
SUBMERSIBLE PUMP CABLE
2 & 3 CONDUCTORS WITH GROUND
INSULATION: THW - POLYVINYL CHLORIDE
SIZES: 14 AWG - 4 AWG, 75°C TO 75°C**



1.0 APPLICATIONS:

1.1 Multi-conductor twisted submersible pump cable covers requirements of thermoplastic insulated conductors for deep water submersible application.

2.0 CONSTRUCTION:

2.1 Conductors:
Solid or stranded soft annealed copper. Conductors are twisted with a suitable lay.

2.2 Insulation:
The insulation shall be Thermoplastic Polyvinyl Chloride (PVC).

2.3 Color Code:
Black, Yellow, Red, Green - Ground

2.4 Assembly:

The individually insulated conductors are twisted with a green insulated grounding conductor (sized in accordance with Table 250-122 of NEC) and without an overall jacket.

2.5 Labeling:

For use in Well Casings as "SUBMERSIBLE PUMP CABLE".

2.6 Surface Markings:

"PAIGE ELECTRIC SIZE, 600V TYPE THW SUBMERSIBLE PUMP CABLE (UL)".

3.0 Approvals:

UL: E207132
MSHA: P-7K-26801 (CPE);
P-7K-268077 (NEOPRENE)
C(UL): E207132
CSA: 1523058

Paige Part #	Conductor Size	Number of Insulated Conductors	Ground Size	Power Conductor Stranding	Insulation Thickness	Jacket Thickness	Cable O.D.		Cable Weight	Ampacity (1) 40°C Ambient Temp.
	AWG		AWG				Inches	mm		
000015	14	2	14	SOLID	.045"	.030"	0.358	9.093	67	15
000035	12	2	12	SOLID	.045"	.030"	0.426	10.820	94	20
000055	10	2	10	SOLID	.045"	.030"	0.476	12.090	136	30
000075	8	2	10	7 STR	.060"	.030"	0.533	13.090	197	40
000025	14	3	14	SOLID	.045"	.030"	0.380	9.625	89	15
000045	12	3	12	SOLID	.045"	.030"	0.425	10.795	125	20
000065	10	3	10	SOLID	.045"	.030"	0.460	11.684	180	30
000085	8	3	10	7 STR	.060"	.030"	0.550	13.970	275	50

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