



TWISTED SUBMERSIBLE PUMP CABLE
INSULATION: PVC, TYPE TW
600 VOLTS



SIZES: 2 & 3 CONDUCTOR WITH OR WITHOUT GROUND

1.0 APPLICATIONS:

1.1 This specification covers the requirements of thermoplastic insulated conductors, Submersible Pump Cable in either 2 conductors or 3 conductors, with or without ground, twisted, rated at 600 Volts at copper operating temperature not in excess of 60°C .

2.0 CONSTRUCTION:

2.1 Two and Three Conductors - Without Ground

SIZE	STRAND-ING	INSULATION THICKNESS	OUTSIDE DIAMETER	APPROX. AMP.	WT./MFT	STNDRD PUT-UPS
14/2	SOLID	.045"	.326"	15	46	500/1000
12/2	SOLID	.045"	.360"	20	64	500/1000
10/2	SOLID	.045"	.402"	30	91	500/1000
8/2	7 STR	.045"	.451"	40	132	500/1000
14/3	SOLID	.045"	.351"	15	69	500/1000
12/3	SOLID	.045"	.388"	20	96	500/1000
10/3	SOLID	.045"	.433"	30	137	500/1000
8/3	7 STR	.045"	.485"	40	198	500/1000
6/3	7 STR	.060"	.631"	55	328	500/1000
4/3	7 STR	.060"	.912"	70	516	500/1000

2.2 Two and Three Conductors - With Ground

SIZE	GRND. SIZE	STRAND-ING	INSULATION THICKNESS	OUTSIDE DIAMETER	APPROX. AMP.	WT./MFT	STNDRD PUT-UPS
14/2G	14	SOLID	.045"	.358"	15	69	500/1000
12/2G	12	SOLID	.045"	.426"	20	96	500/1000
10/2G	10	SOLID	.045"	.476"	30	137	500/1000
8/2G	10	7 STR	.045"	.533"	40	198	500/1000
14/3G	14	SOLID	.045"	.380"	15	95	500/1000
12/3G	12	SOLID	.045"	.425"	20	132	500/1000
10/3G	10	SOLID	.045"	.460"	30	185	500/1000
8/3G	10	7 STR	.045"	.550"	40	262	500/1000
6/3G	10	7 STR	.060"	.710"	55	402	500/1000
4/3G	8	7 STR	.060"	1.000"	70	491	500/1000

2.3 Conductors:

Solid or stranded annealed bare copper
Solid - ASTM B-3
Stranded - ASTM B-8

2.4 Insulation:

Polvinyl-chloride insulation type TW
color coded as follows:

1. Black
2. Yellow
3. Red
- Grnd. - Green

Conductors are twisted with a suitable lay.

2.5 Labeling:

Supplied with UL type TW labels for use in Well Casings as SUBMERSIBLE PUMP CABLE.

2.6 Surface Printing:

"Paige Electric size, 600V, Type TW Submersible Pump Cable E _____ (UL)."