



## HEAVY DUTY FLAT SUBMERSIBLE PUMP CABLE - 1000V

INSULATION: **XLPE**

JACKET: **POLYVINYL CHLORIDE**

SIZES: **#2 - 8 1KV**

1,000 VOLTS, 90°C Wet and Dry



### 1.0 APPLICATIONS:

**1.1** 1000 Volt, Heavy Duty Flat Submersible Pump Cable with thermosetting crosslinked polyethylene (XLPE) insulated circuit conductors, with and overall polyvinyl chloride (PVC) jacket. The cable has three conductors without ground and is suitable for use within well casings for wiring deep well fresh or salt water submersible pumps.

### 2.0 CONSTRUCTION:

#### 2.1 Conductor:

Class C (19 strand).

#### 2.2 Insulation:

(XLPE) Heat and moisture resistant, thermosetting cross-linked polyethylene meeting the requirements of ICEA S-95-658 (NEMA WC 70). Acceptable 90°C Wet and Dry.

### 2.3 Jacket:

Heat and moisture resistant, black, PVC meeting requirements of ICEA S-95-658 (NEMA WC 70).

### 2.4 Assembly:

The insulated circuit conductors are laid flat and parallel together. The jacket will be applied directly over the insulated conductors encapsulating them.

### 2.5 Color Code:

Black, Yellow, Red.

### 2.6 Marking:

The overall jacket will have either of the following information printed: "Paige PUMPWIRE P7370-SP Submersible Pump Cable 3 x ##AWG XLPE/PVC 90C 1000V".

### 2.7 Physical:

PAIGE PART #	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	INSULATION THICKNESS XLPE	JACKET THICKNESS	NOMINAL CABLE O.D.		CABLE WEIGHT (LB/MFT*)
		(AWG)	(MIL)	(MIL)	INCHES	MM	
020041 1KV	3	8	55	45	0.910 x 0.370	23.114 x 9.398	289
020051 1KV	3	6	55	45	1.025 x 0.405	26.035 x 10.287	405
020061 1KV	3	4	55	45	1.175 x 0.455	29.845 x 11.557	585
020071 1KV	3	2	55	45	1.360 x 0.520	34.544 x 13.208	860