904-543-1223, 800-997-2443, Fax: 904-543-1330, www.paigeelectric.com

Paige pumpwire spec P7272-SP

WE SPECIALIZE IN SUBMERSIBLES

FLAT SUBMERSIBLE PUMP CABLE

INSULATION: POLYVINYL CHLORIDE AND NYLON

JACKET: POLYVINYL CHLORIDE

SIZES: 12 - 500 AWG, 3 CONDUCTOR

600 VOLTS, 90°C Dry, 75°C Wet

UL RoHS COMPLIANT

1.0 APPLICATIONS:

1.1 Heavy duty (double jacketed), Flat, Submersible, 600V pump cable suitable for use within well casings for wiring deep well fresh or salt water submersible pumps.

2.0 CONSTRUCTION:

2.1 ***Conductor:***
Class C stranded, soft, bare copper per ASTM B 3 and B 8.

2.2 ***Insulation:***
Heat and moisture resistant, polyvinyl insulation. The nylon meets the requirements of UL 83 and conforms to the thickness given in Table 15.5 of UL 83.

2.3 ***Insulation Jacket:***
A nylon jacket shall be applied over the insulation. The nylon meets the requirements of UL 83 and conforms to the thickness given in Table 15.5 of UL 83.

2.4 ***Assembly:***
The insulated conductors are laid flat. The jacket is extruded directly over the insulated conductors encapsulating them.

2.5 ***Jacket:***
Polyvinyl Chloride meeting the requirements of UL 83. The thickness is in accordance with the table below.

2.6 ***Color Code:***
Black, yellow, red-yellow to be center conductor..

2.7 ***Marking:***
The overall jacket will have the following information printed: PAIGE SUBMERSIBLE PUMP CABLE NUMBER AND "size of conductor" THHN OR THWN CDRS 75°C WET 600 V (UL)

2.8 ***Approvals:***
Approvals: UL: E63611-T

PAIGE PART #	NUMBER OF INSULATED CONDUCTORS	CONDUCTOR SIZE (AWG)	INSULATION THICKNESS AVERAGE/MINIMUM (MIL)	JACKET THICKNESS (MIL)	CABLE O.D. INCHES	CABLE O.D. MM	CABLE WEIGHT (LB/MFT*)	AMPACITY (1) 40°C TEMP.
020021	3	12	3 3/4	30	0.480 x 0.200	12.2 x 5.0	95	24
020031	3	10	5	30	0.580 x 0.240	14.7 x 6.0	158	33
020041	3	8	6	45	0.780 x 0.320	19.8 x 8.1	269	43
020051	3	6	6	45	0.900 x 0.360	22.8 x 9.1	387	58
020061	3	4	6 2/3	45	1.120 x 0.440	28.4 x 11.1	591	79
020071	3	2	7 1/7	45	1.320 x 0.500	33.5 x 12.7	875	105
020081	3	1/0	7 1/7	60	1.290 x 0.635	32.7 x 16.1	1394	145
020091	3	2/0	7 1/7	60	1.395 x 0.685	35.4 x 17.3	1701	166
020111	3	4/0	7 1/7	60	1.660 x 0.800	42.1 x 20.3	2567	223
020200	3	250 MCM	7 1/2	80	2.010 x 0.870	51.0 x 22.1	3104	245
020210	3	350 MCM	7 1/2	80	2.370 x 0.980	60.1 x 24.8	4192	305
020220	3	500 MCM	7 1/2	125	4.165 x 1.240	78.2 x 29.9	7990	380

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

We're Big in Big pump cable.

5/19/14

Paige Electric