



**HYDROFLEX FLAT  
 SUBMERSIBLE PUMP CABLE  
 3 CONDUCTOR  
 WITH GROUND**



**INSULATION: (EPR) ETHYLENE PROPYLENE  
 JACKET: (CPE) CHLORINATED POLYETHYLENE RUBBER**

**SIZES: 14 – 6 AWG**

90°C WET/DRY, Min. Ambient Temp. -40°C



**1.0 APPLICATIONS:**

**1.1** Extra Flexible, high ampacity, Flat Rubber Submersible Pump Cable for use within well casings for wiring deep-well submersible water pumps, mining applications. Hydroflex is especially efficient for use in municipal applications, cold weather and high ampacity requirements.

**2.0 CONSTRUCTION:**

- 2.1 Conductors:**  
Class K flexible stranded, soft drawn, bare copper circuit conductor.
- 2.2 Insulation:**  
Heat and moisture resistant, ethylene propylene rubber (EPR) insulation.
- 2.3 Jacket :**  
(CPE) Chlorinated Polyethylene Rubber.

**2.4 Color Code:**

Black, Yellow, Red and Green grounding conductor. Appendix E, Method 1 of ICEA S-73-532 (NEMA WC 57).

**2.5 Surface Marking:**

The overall jacket (TPE) will have the following information printed: PAIGE ELECTRIC HYDROFLEX SUBMERSIBLE PUMP CABLE NUMBER AND SIZE (AWG) OF CONDUCTORS, EPR/TPE 600V 90°C.

**2.6 Temperature:**

The insulation is acceptable for use in wet or dry locations at 90°C.

**2.7 Ratings:**

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**3.0 PHYSICAL CHARACTERISTICS:**

Paige Part Numbers	Conductor Size	Grounding Conductor Size	Insulation Thickness		Average Jacket Thickness	Cable Weight	Ampacity Cable O.D.	
	AWG	AWG	Circuit	Ground			inches	mm
7327SP1	14	14	41	30	45	85	0.630 x 0.230	16.00 x 5.8
7327SP2	12	12	45	30	45	161	0.850 X 0.290	21.59 x 7.4
7327SP3	10	10	45	30	50	260	1.000 X 0.330	25.40 x 8.4
7327SP4	8	8	60	67	55	400	1.310 X 0.420	33.27 x 10.7
7327SP5	6	6	60	65	55	590	1.525 X 0.505	38.74 x 12.8