

## FLEXILBE SINGLE CONDUCTOR PORTABLE SUBMERSIBLE PUMP POWER CABLE 600/2000 VOLTS

INSULATION: (EPR) ETHYLENE-PROPYLENE RUBBER

JACKET: (CPE) CHLORINATED POLYETHYLENE

SIZES: 8 - 500 MCM

-40°C + 90°C



### 1.0 Applications:

- 1.1 Single conductor industrial portable cord suitable for submersible applications. Dual rated submersible Type W. Impact, Abrasion, Ozone, Sun, Weather, Heat, Oil, and Flame Resistant.

### 2.0 Features:

- Excellent resistance to oil, solvent, ozone, aging, and abrasion
- Excellent flexibility
- Flame retardant

### 3.0 Construction:

#### 3.1 Conductors:

Annealed extra flexible stranded bare copper in accordance with ASTM B-172 and ICEA S-75-381.

#### 3.2 Separator:

A suitable tape separator between the conductor and insulation.

#### 3.3 Insulation:

Ethylene-propylene rubber (EPR) type EP.

#### 3.4 Cable reinforcement:

Single faced rubber filled binder applied over insulation.

#### 3.5 Jacket:

CPE thermosetting compound, heavy or extra heavy duty in accordance with par. 3.21 of ICEA S-75-381; Neoprene optional jacket available.

#### 3.6 Color Code:

Black

#### 3.7 Cable Identifications:

Indent print on jacket. (Size) AWG (no.) / Type W Portable Power Cable 90°C 2000V (UL) P-MSHA.

### 4.0 Approvals:

UL: E207132

MSHA: P-7K-26801 (CPE)

P-7K-268077 (Neoprene)

C(UL): E207132

CSA: 1523058

**5.0 DIMENSIONS:**

PAIGE PART #	CONDUCTOR SIZE	POWER CONDUCTOR STRANDING	NOMINAL INSULATION THICKNESS		NOMINAL CABLE O.D.		APPROXIMATE CABLE WEIGHT		AMPACITY (1) 40°C AMBIENT TEMP.
	(AWG)	(AWG)	(inches)	(mm)	inches	mm	(lb/mft)	(kgs/km)	
1100014	8	162/30	0.060	1.52	0.441	11.2	145	216	81
1100002	6	264/30	0.060	1.52	0.511	12.9	200	298	104
1100003	4	418/30	0.060	1.52	0.564	14.3	255	379	141
1100004	2	660/30	0.060	1.52	0.651	16.5	375	558	192
1100015	1	836/30	0.080	2.03	0.729	18.5	475	707	221
1100006	1/0	1056/30	0.080	2.03	0.751	19.0	530	789	261
1100007	2/0	1320/30	0.080	2.03	0.800	20.3	650	967	300
1100008	3/0	1372/30	0.080	2.03	0.856	21.7	750	1116	351
1100009	4/0	2090/30	0.080	2.03	0.981	24.9	970	1444	405
1100010	250 MCM	2496/30	0.095	2.41	1.001	25.4	1130	1682	455
1100020	350 MCM	888 37X24	0.095	2.41	1.146	29.1	1444	2149	552
1100030	500 MCM	1221 37X33	0.095	2.41	1.255	31.9	1913	2847	695

(1)\*Ampacities (Amps per conductor) are based on 90°C conductor temperature

**P7281-SP**