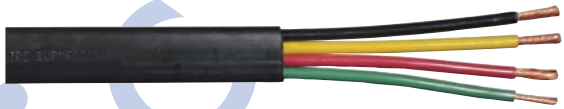
904-543-1223, 800-997-2443, Fax: 904-543-1330, www.paigeelectric.com

Paige® oil gas pumpwire
fracking, methane gas & oil

spec P7331-SP-OG

FRACKING/METHANE/NATURAL GAS IMPACT CABLE
600 VOLT, 3 CONDUCTOR WITH GROUND
INSULATION: POLYVINYL CHLORIDE & NYLON
OUTER JACKET: HIGH DENSITY POLYETHYLENE
SIZES: 10 - 4 AWG 90°C DRY/75°C WET



UL RoHS COMPLIANT

Paige® Fracking cable

1.0 APPLICATIONS:

1.1 Cable is designed for extra hard usage where flexibility and durability of armoring is usually required. The jacket, made with an extra hard abrasion and impact resistant compound minimizes the potential for damage under severe conditions. The tight HDPE Jacket minimizes the chance for gas migration which in turn eliminated the possibility of the jacket ballooning. The cable is rated for use in deep well submersible fracking, methane and natural gas applications not exceeding 75°C.

2.0 CONSTRUCTION:

2.1 ***Conductor:***
Class C (19 strand), soft drawn, bare copper per ASTM B3 and ASTM B8.

2.2 ***Insulation:***
Heat and moisture resistant, polyvinyl chloride meeting the requirements of UL 83 for Type THHN and THWN wires. The insulation is acceptable for use in locations of 90°C dry or 75°C wet. The insulation thickness is in accordance with Table 25.1 of UL 83.

2.3 ***Conductor jacket:***
A nylon jacket is applied directly to the surface of the PVC insulation. Nylon shall meet the requirements of UL 83. The thickness is in accordance with Table 25.1 of UL 83.

2.4 ***Ground Conductor:***
Class C (19 strand), soft drawn, bare copper per ASTM B3 and ASTM B8. The conductor is insulated with PVC/Nylon and the nominal overall diameter shall equal the insulated circuit conductors.

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

2.6 ***Jacket:***
Heat and moisture resistant, black high density polyethylene (PE) meeting the requirements of UL 83. The thickness in accordance with Table 25.5 of UL 83.

2.7 ***Color Code:***
Black, yellow, red & green grounding conductor.

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

3.0 ***Dimensions:***

Paige Part #	Conductor Size (AWG)	NUMBER OF INSULATED CONDUCTORS	GROUNDING CONDUCTOR SIZE (AWG)	CABLE O.D.	INSULATION THICKNESS PVC/NYLON		JACKET THICKNESS		TOTAL WEIGHT	
					Inches	mm	Inches	mm	(lbs)	kgs/km
020036PE	10	3	10	0.76 x 0.24	0.020/0.004	0.508/0.1016	0.030	0.760	210	95.3
020046PE	8	3	10	1.01 x 0.32	0.030/0.005	0.760/0.127	0.045	1.140	360	163.3
020056PE	6	3	8	1.17 x 0.36	0.030/0.005	0.760/0.127	0.045	1.140	487	220.9
020066PE	4	3	8	1.47 x 0.44	0.040/0.006	1.010/0.1524	0.045	1.140	721	327.0

We're Big in Big pump cable.