

**PUMPS OF OKLAHOMA, INC.**  
1220 N.W. 3<sup>rd</sup> Street Oklahoma City, Oklahoma 73106  
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**TEFLON® JACKETED SUBMERSIBLE PUMP CABLE**

The construction of this pump cable exceeds the electrical and physical test parameters of UL standard 83 that covers deep well submersible pump cable.

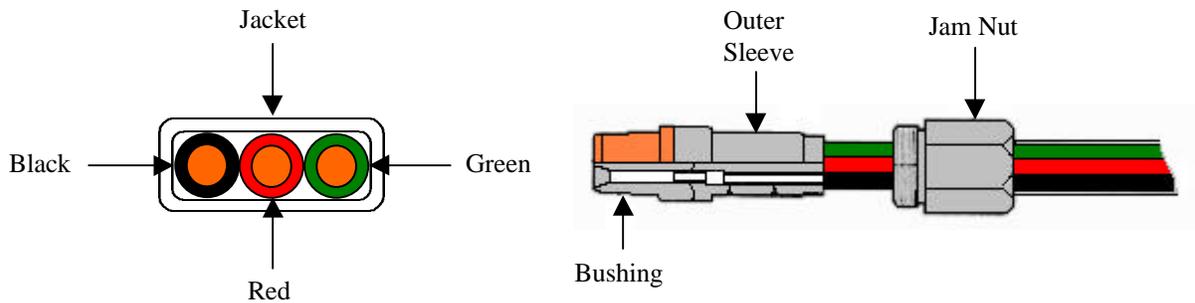
The individual insulated primary conductors have a .030" insulation wall of Teflon® (FEP Floropolymer) which meets the requirements of NEC article 310, table 310-13 for type "ZW" wire suitable for use in wet locations, at 90°C. The wall thickness specified by the NEC is only .020" of FEP. The overall jacket has a .035" wall of Teflon® that is extremely abrasion resistant.

Teflon® insulated and jacketed cables are routinely used for control, instrumentation and low voltage power cables in mass transportation systems, critical warning for chemical plants, nuclear facilities and various utility installations. Teflon® insulated and jacketed cables are able to pass the large scale IEEE-383 flammability tests.

Additionally, these types of cables exhibit very high cut through and abrasion resistance, chemical resistance, and continuous service temperatures of 200°C per UL.

Regarding the installation of this cable in a Class 1, Division 1 group C & D environment: as long as the installation is done in accordance with NEC article 500 methods, this cable will perform it's function in a very safe manner.

Due to the physical and electrical characteristics of Teflon®, the above noted pump cable should outlive the life expectancy of the pump to which it is attached.



Note: Jacketed cable is trimmed back 2 inches from outer sleeve

CONSTRUCTION: Jam nut 316 Stainless steel, bushing-viton, sleeve 316 stainless

CONDUCTORS: 12 AWG 19/25 TPC

INSULATION: FEP teflon .030" wall nom.

COLOR CODE: Black, Red and Green

JACKET: .035" Wall nom. Clear FEP teflon

FINAL O.D. .513" x .220" nom

Teflon® is a registered trademark of Dupont