

# Submersible Pump Cable

## Santoprene® Twisted & Jacketed Pump Cable

Santoprene twisted & jacketed type cable furnished in pre-cut lengths with water tight viton plug on one end for direct connection to Franklin motor. Stranded copper conductor, 2 wire with ground or 3 with ground.

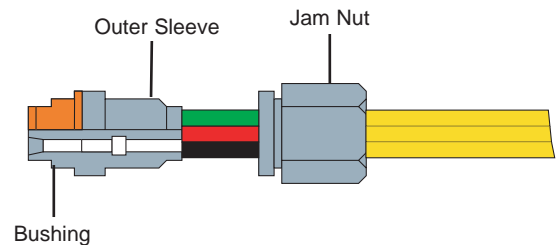
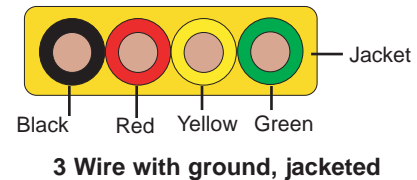
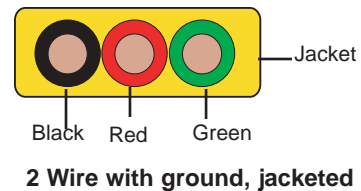
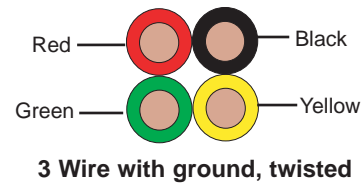
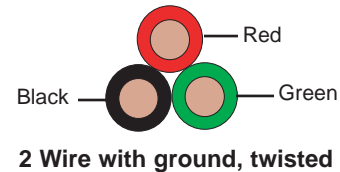
### FEATURES

- For use with submersible pumps in water wells, cable is UL approved for this application
- Suitable for hot or cold conditions, from -50°F to 200°F, 105°C dry, 75°C wet, 60°C in oil.
- Santoprene® Thermoplastic rubber is inherently resistant to a wide variety of oils, solvents and chemicals.
- The overall jacket has a .020" wall of Santoprene® that is abrasion resistant
- Section 501-11 of the 1990 National Electric Code, entitled flexible cords, Class 1, Division 1 and 2 (pages 70-442) has been interpreted by inspectors such that a flexible cord is appropriate for use with Electrical Submersible Pump in Class I, Division I, Group D applications. This is accomplished by the drop pipe connected to the pump or by the safety cable. Jacketed Santoprene® lead generally meets the flexible cord requirements as interpreted by these inspectors.
- Santoprene should not be used in free product applications. Please use Teflon.

### SPECIFICATIONS

Construction:	Jam nut 316ss, bushing-viton, sleeve	
Conductors:	12 AWG 19/25 TPC	
Insulation:	Santoprene® .045" wall nom.	
Jacket:	.020" Wall nom. Yellow Santoprene	
Final O.D:	12/2 with ground, twisted	.405" nom.
	12/3 with ground, twisted	.453" nom.
	12/2 with ground, jacketed	.615" x .238" nom.
	12/3 with ground, jacketed	.802" x .238" nom.

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



**Franklin Termination Assembly**

Santoprene® is a registered trademark of Monsanto

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