

DATA SHEET

WATER SYSTEM CABLE

Centrilift designs and manufactures a complete line of cables for use in residential, farm and industrial water well applications. Centrilift's CENTRILINE® cable is the industry standard for electrical submersible pumping (ESP) water systems, providing the highest level of reliability and performance.

Centrilift water well cables are a premium 600 volt cable featuring solid and stranded copper conductors with a moisture resistant plastic insulation. In addition to the standard water well cables, Centrilift offers a Hi-Lo Supreme cable, which is insulated and jacketed with a premium thermoplastic elastomer (TPE) product. Hi-Lo cable is oil resistant and suitable for extreme conditions.

Centrilift cables are manufacturing to exacting standards in a 350,000 square foot plant in Claremore, Oklahoma. This state-of-the-art facility is ISO 9001:2000 certified, ensuring the highest level of standards and quality.

FEATURES & BENEFITS

FEATURE	BENEFIT
Centrilift is dedicated to your cable needs	<ul style="list-style-type: none">• Orders processed and shipped complete within 24 hours from receipt of order• Premium packaging of cable shipments to minimize freight damage• Immediate problem resolution• Uncompromised customer service
Meets N.E.C. code for submersible pump grounding requirements	<ul style="list-style-type: none">• Grounded cables meet the requirements of the National Electric Code for safety
ISO 9001:2000 certified	<ul style="list-style-type: none">• Conforms to the Management System Standard in the design and manufacturing of electrical submersible cable• Ensures compliance with quality systems and standards
Grounded and ungrounded water well cable	<ul style="list-style-type: none">• Supply a complete line of cable constructions to meet electrical submersible pumping system requirements
Footage marking on flat jacketed and parallel cables	<ul style="list-style-type: none">• Provides individual reel information to determine how much cable is used and how much remains
U.L. listed	<ul style="list-style-type: none">• Cable is continuously monitored and inspected to ensure compliance with the strict quality and performance standards under UL83 specifications
Member of the National Ground Water Association	<ul style="list-style-type: none">• Stay abreast of industry issues

CENTRILINE®



Centrilift

CENTRILINE®

Electric Cable, 600 VAC



HI-LO SUPREME TYPE – U.L. Listed SANTOPRENE® Insulation and Jacket



UL File E-105720*

Twisted

AWG Size and Number of Conductors	Conductor Stranding (in.)	Copper Content (lb/mft)	Insulation Nominal Thickness (in.)	Nominal Cable	
				Dimensions (in.)	Weight (lb/mft)
12/2 W/ 12 GR	19 STR	60.6	0.045	0.405 O.D.	89.0
12/3 W/ 12 GR	19 STR	80.8	0.045	0.455 O.D.	119.0
10/2 W/ 10 GR	19 STR	96.1	0.045	0.455 O.D.	130.0
10/3 W/ 10 GR	19 STR	128.1	0.045	0.509 O.D.	173.0
8/3 W/ 10 GR	19 STR	185.0	0.060	0.581 O.D.	249.0

Flat Jacketed with Footage Marking

12/2 W/ 12 GR	19 STR	59.4	0.045	0.231 x 00.608	109.0
12/3 W/ 12 GR	19 STR	79.2	0.045	0.231 x 00.794	144.0
10/2 W/ 10 GR	19 STR	94.2	0.045	0.258 x 00.677	151.0
10/3 W/ 10 GR	19 STR	125.6	0.045	0.258 x 00.886	202.0
8/3 W/ 10 GR	19 STR	181.4	0.060	0.340 x 01.090	284.0

SANTOPRENE Advanced Elastomer Systems

Temperature Rating: -50°C to 220°F, 220°F (105°C) Dry; 167°F (75°C) Wet; 140°F (60°C) in Oil; 600 V

Hi-Lo Supreme cable manufactured in Claremore, Oklahoma, is insulated and jacketed with SANTOPRENE®. Hi-Lo is an oil-resistant cable suitable for the frigid north or southern deserts, manufactured to the demanding Centrillift standards. Conductors are individually colored black, red, yellow and green.

*UL Printing of each conductor is as follows: CENTRILINE® SUBMERSIBLE PUMP CABLE TYPE THW AWG 600 VOLT (UL)

GREEN GROUND WIRE TYPE – THW U.L. Thermoplastic Insulation



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AWG Size and Number of Conductors	Conductor Stranding (in.)	Copper Content (lb/mft)	Insulation Nominal Thickness (in.)	Nominal Cable	
				Dimensions (in.)	Weight (lb/mft)
12/1 Ground	19 STR	19.8	0.045	0.188	32.0
10/1 Ground	19 STR	31.4	0.045	0.211	45.0
8/1 Ground	19 STR	50.0	0.060	0.241	58.0

Centrillift Cable Operations
2210 E.L. Anderson Blvd.
Claremore, OK 74017-3095
800-452-9473
Fax: 918-342-1308

www.bakerhughesdirect.com

Best-in-Class



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