



830 South West Street, Sikeston MO 63801

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## Flat Heavy Duty Jacketed

TYPE – THW, WITH GROUND

75° C / 600 VOLT

SEQUENTIALLY MARKED



### CONSTRUCTION

- **Construction:** Stranded soft annealed copper
- **Insulation:** Thermoplastic polyvinyl chloride (PVC)
- **Color coding:** black, red, yellow, green (ground)
- **Assembly:** Insulated conductors, including the ground conductor, are assembled flat and parallel
- **Jacket:** Black thermoplastic polyvinyl chloride (PVC) extruded over the parallel conductors
- **Temperature:** 75° C
- **Voltage:** 600 Volts

**SPECIFICATIONS** UL Standard 83

### APPLICATION

For use within well casing supplying power to the submersible pump. Maximum conductor operating temperatures of –25 C to 75 C in circuits not exceeding 600 volts.

AWG	Number of Conductors	Part Numbers	Approx. Ship Wt./M'	Conductor Stranding	Overall Dimensions (in.)	Insulation Inner Thickness	Jacket Thickness PVC
14	2 w/ grd	PCH14/2G	104	19	.191 x .513	.045"	.045
14	3 w/ grd	PCH14/3G	124	19	.191 x .674	.045"	.045
12	2 w/ grd	PCH12/2G	131	19	.210 x .570	.045"	.045
12	3 w / grd	PCH12/3G	161	19	.210 x .750	.045"	.045
10	2 w / grd	PCH10/2G	186	19	.233 x .639	.045"	.045
10	3 w/ grd	PCH10/3G	246	19	.233 x .842	.045"	.045
8	3 w/ #10 grd	PCH08/3G	342	19	.323 x 1.112	.045"	.045
6	3 w/ #8 grd	PCH06/3G	525	19	.359 x 1.256	.060"	.045
4	3 w/ #8 grd	PCH04/3G	706	19	.406 x 1.444	.060"	.045
2	3 w/ #6 grd	PCH02/3G	1059	19	.466 x 1.684	.060"	.045
1/0	3w/6grd	PCH1A/3G	1721.1	19	.660 x 1.990	.080"	.060"
2/0	3w/ 6grd	PCH20/3G	2000.3	19	.700 x 2.120	.080"	.060"
3/0	3w/4grd	PCH30/3G	2506.0	19	.734 x 2.314	.080"	.060"
4/0	3w/ 4grd	PCH40/3G	2999.6	19	.800 x 2.490	.080"	.060"

Conductor Color Code: 2 conductor = black, red, green ground, 3 conductor = black, yellow, red, green ground. Put-up Codes: 1=500' put-up or 2=1000' put-up.

