



## Flexible-Stranded Hook-Up Wire / Appliance Wire

**Description:** 105°C Dry. 60/75/90°C Moisture Resistant. 600/1000 Volts. Flexible Stranded Bare Copper Conductor. PVC Insulation.

**Insulation:** Polyvinyl Chloride (PVC)

**Voltage:** 600V, AWM 1032/10269 - 1000V

**Conductors:** Flexible stranded bare copper; See Table 1 for Stranding Details

**Applications & Features:** For use in internal wiring of electrical equipment, control panels, appliances, and grounding for use on industrial plan floor. For use as permitted in NEC Article 310 and NFPA #79. For use in boat wiring in accordance with 33 CFR 183.425 - 435.

**Specifications:**

- ASTM B3
- UL 758 - Appliance Wire  
AWM 1015/1028/1228/1231/1336/1032; 8 AWG  
AWM 1232/1283/1337/10070/10269; 6 - 2 AWG  
AWM 1232/1284/1338/10070/10269; 1- 4/0 AWG  
AWM 1284/1339/10269; 250 Kcmil - 500 Kcmil  
AWM 1284/10269; 600 Kcmil & larger
- UL 83 - Type THW-2; 90°C Dry, 90°C Wet
- UL 1063 - Machine Tool Wiring (MTW); 90°C Dry, 60°C Wet/Oil
- UL 1426 - BC-5W2; Sizes - 16 to 4/0 AWG; 105°C Dry, 75°C Wet
- CSA C22.2 No. 127 - Type TEW; 105°C Dry
- CSA C22.2 No. 210 - AWM I A/B; 105°C Dry
- Oil Res I
- Sun Res
- For CT Use - 1/0 AWG & Larger
- RoHS-2 Compliant

| Stock Code | Cond. Size<br>(AWG/Kcmil) | Stranding Info. | Nom. Insul. Thick.<br>(in.) | Nom. O.D. (in.) | Nom. Weight<br>(lbs/mft) |
|------------|---------------------------|-----------------|-----------------------------|-----------------|--------------------------|
| TBD        | 8                         | 133             | 0.045                       | 0.252           | 73                       |
| TBD        | 6                         | 266             | 0.060                       | 0.335           | 120                      |
| TBD        | 4                         | 420             | 0.060                       | 0.367           | 171                      |
| TBD        | 2                         | 665             | 0.060                       | 0.432           | 257                      |
| TBD        | 1                         | 833             | 0.080                       | 0.535           | 343                      |
| TBD        | 1/0                       | 1064            | 0.080                       | 0.561           | 420                      |
| TBD        | 2/0                       | 1330            | 0.080                       | 0.610           | 516                      |
| TBD        | 3/0                       | 1672            | 0.080                       | 0.666           | 627                      |
| TBD        | 4/0                       | 2109            | 0.080                       | 0.706           | 789                      |
| TBD        | 250                       | 2451            | 0.095                       | 0.786           | 966                      |
| F35007     | 350                       | 3458            | 0.095                       | 0.910           | 1290                     |
| TBD        | 400                       | 4123            | 0.095                       | 0.988           | 1486                     |
| TBD        | 500                       | 5054            | 0.095                       | 1.056           | 1783                     |
| TBD        | 600                       | 5994            | 0.110                       | 1.179           | 2111                     |
| TBD        | 750                       | 7585            | 0.110                       | 1.336           | 2550                     |



CONNECTIVITY & POWER SOLUTIONS

Shop X-Flex®



101 Kestrel Drive,  
Collegeville, PA 19426

[sales@cobrawire.com](mailto:sales@cobrawire.com)

215.674.8773