

# Product Data Sheet

## TYPE G LEAD CURED

### Product Description

Heavy Duty  
EPR Insulation  
Thermoset Jacket  
90 °C, 600/2000 Volts

### Applications

For use as flexible power lead with portable or mobile equipment such as pumps, welders, mining machines and mine conveyor equipment.

### Specifications

- CONDUCTOR: Rope-stranded, tinned copper.
- INSULATION: Ethylene propylene rubber (EPR) per ICEA S-75-381 (NEMA WC58).
- GROUND CONDUCTOR: Flexible tinned copper.
- ASSEMBLY: Conductors and ground wires cabled with fillers.
- OVERALL JACKET: Lead cured thermoset compound.
- STANDARDS: Meets the requirements of ICEA S-75-381. Accepted by MSHA and marked with the manufacturer's P number.
- AMPACITY: Based on an ambient temperature of 40 °C per ICEA S-75-381, Table H-1.
- TEMPERATURE: 90 °C
- VOLTAGE: 600/2000 Volts

CV cured available. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Ground Wire Size AWG	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
5E-0803	8	133	3	0.060	12	0.910	597	59
5E-3034	3/0	259	4	0.080	5	2.070	4,178	221