



SIS Wire

Applications

SIS (Switchboard Wire) is designed for use in electrical switchboards, panel boards, control panels, and industrial equipment. Rated for both 600V and 1000V applications depending on installation and local code requirements.

Construction

- Conductor: Tin-coated copper, Class K stranded
- Insulation: XLPE, sunlight resistant, gasoline & oil resistant (Type I)
- Temperature Rating: -40°C to 90°C wet / -40°C to 105°C dry
- Flame Rating: VW-1

Standards

- UL 44
- ASTM B-33
- CSA C22.2 No. 38-10
- NEC NFPA 70

Features

- High-heat resistant XLPE insulation
- Durable industrial-grade construction
- Available in up to 12 standard colors (size dependent)
- Optional striping, paralleling, custom legends, and cut-to-length services

AWG Size	Stranding	O.D. (in)	Ampacity (90°C)	Approx. Weight (lb/1000 ft)
18	16 strand	0.14	14	12
16	26 strand	0.16	18	16
14	41 strand	0.18	25	22
12	65 strand	0.20	30	30
10	105 strand	0.23	40	48