



SPECIFICATION SHEET

SCP PART #: GW-10

Rev Date: May -20-2014

DESCRIPTION: GROUND WIRE 10 GAUGE SOLID - GREEN - 500 FT



Size AWG/ kcmil	Number of Strands	Conductor Area kcmil	Conductor Diameter mils	Insulation Thickness mils	Jacket Thickness mils	Overall Diameter inch	Net Weight lb/mft
10	1 Solid	10.3	0.10	20	5	0.15	37

DESCRIPTION

- 1) Annealed bare solid (14-10 AWG), annealed bare stranded class C concentric round (14-2 AWG), compressed stranding class B (1 AWG - 1000 MCM) copper conductor.
- 2) Polyvinyl chloride (PVC insulation)
- 3) Nylon overall protective jacket.

APPLICATION

General use in commercial and industrial construction, and installations where resistance against oils and gasoline is required. May be used for power and control circuits in recognized raceways, in wet or dry locations, and in presence of gases, gasoline and chemicals. Also suitable as machine tool and switchboard wiring.

PACKAGING WEIGHT

18 lbs / 8.16 kgs

MAXIMUM OPERATING VOLTAGE

600 volts

MAXIMUM CONDUCTOR TEMPERATURE

Dry locations (THHN) 90° C
Dry and wet locations (THWN) 75° C
In oil (Gasoline and Oil resistant II) 75° C

SPECIFICATIONS

UL-83 
CESMEC E-022-01-5505

FEATURES

- 1) Good resistance to moisture, heat, oil, gasoline, chemicals and grease.
- 2) Suitable for installation where thermal overload exists.
- 3) Strict quality control during manufacturing process.
- 4) Flame retardant, UL listed as VW-1.
- 5) Smooth nylon jacket aids in easier pulling.
- 6) Superior abrasion and mechanical properties.
- 7) Sizes 1/0 and larger are marked "For CT use", and are approved for installation in cable trays. Sunlight resistant in Accordance with NEC Article 318, IEEE 1202 and ULFT4 Flame Test