

1.Characteristic:

a、excellent mechanical properties:

Tensile strength ≥11MPa, elongation at break ≥125%

After aging:

Condition: 110±2.0℃/ 168h

Tensile strength residual rate ≥80% elongation at break ≥50%

b、Flame retardancy: 45° suspension, the ignition time is 30 seconds, the sample should not continue to burn for more than 15S after extinguishing, and the unburned portion at the top of the sample should not be less than 50mm.

c、Low temperature bending: -40±2℃, 3 hours, after low temperature treatment, the sample is wound around the test rod at a uniform speed of 10 seconds per turn, and there are no cracks on the surface of the sample. After returning to room temperature, a voltage resistance test is performed and the insulation does not break down.

2. Electrical performance

a、rated temperature: 80℃ **rated voltage:** 25Vac or 60Vdc

b、Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 5KV AC

c、dielectric withstand voltage: Insulate both ends of the sample, immerse it in a 5% salt solution, with both ends protruding no more than 150mm from the water surface, and soak it for 5 hours. Apply 1000Vrms, 50-60Hz voltage for one minute, and the insulation will not break down.

3. Processing performance

a、suitable for all conventional wire harness processing

b、If you have special needs, please let us know.

4. Environmental protection

a、in line with ROHS/REACH

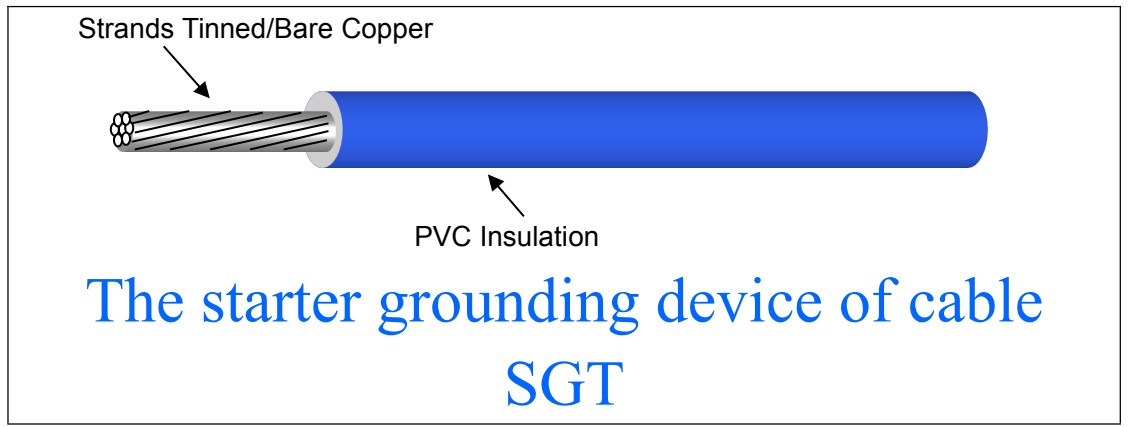
SHOULD BE USED:

The starter grounding device of cable

REFERENCE:

SAE J1127-2005

Outline:



Wire structure description:
 Conductor: Tinned /Bare copper ;
 Insulation materials: PVC Insulation

The starter grounding device of cable
 Rated temperature: 80℃ rated voltage: 25Vac or 60Vdc

STYLE	AWG	Conductor size (No./ mm) ±0.005mm	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm) Max.
				Nom.	Min.	
SGT	4/0	19/44/0.404	15.48	1.98	1.39	20.00
	3/0	19/87/0.254	13.68	1.98	1.39	18.50
	2/0	19/70/0.254	12.26	1.65	1.16	16.00
	1/0	19/55/0.254	10.88	1.65	1.16	14.50
	1	19/44/0.254	9.72	1.65	1.16	13.00
	2	7/95/0.254	8.58	1.65	1.16	12.00
	4	7/60/0.254	6.82	1.65	1.16	10.50
	6	7/38/0.254	5.41	1.52	1.06	8.60

Marking: NO MARKING

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			3F
4/0-1AWG	■ 100Ft	□ 250Ft	□ 500Ft	
1/0-6AWG	□ 100Ft	■ 250Ft	□ 500Ft	

According to customer requirements for packaging packaging