

**CHARACTER:**

**1.Physical performance**

**a、excellent mechanical properties:**

Tensile strength ≥ 5.0MPa, elongation at break ≥ 150%

After aging:

Condition: 200 ± 3.0°C / 240H

Tensile strength ≥ 4.0MPa, elongation at break ≥ 120%

**b、Flame retardancy:** FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

**c、Low temperature bending:** -25°C ± 2°C/4H, no crack on the surface of the sample is qualified

**2.Electrical Properties**

**a、** rated temperature: -60~180°C rated voltage: 150V

**b、** Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 1.5KVAC

**c、** dielectric withstand voltage: 1.5KV, 60 seconds without breakdown;

**3.Processing properties**

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

**4.Environmental protection**

a、ROHS2.0 compliant

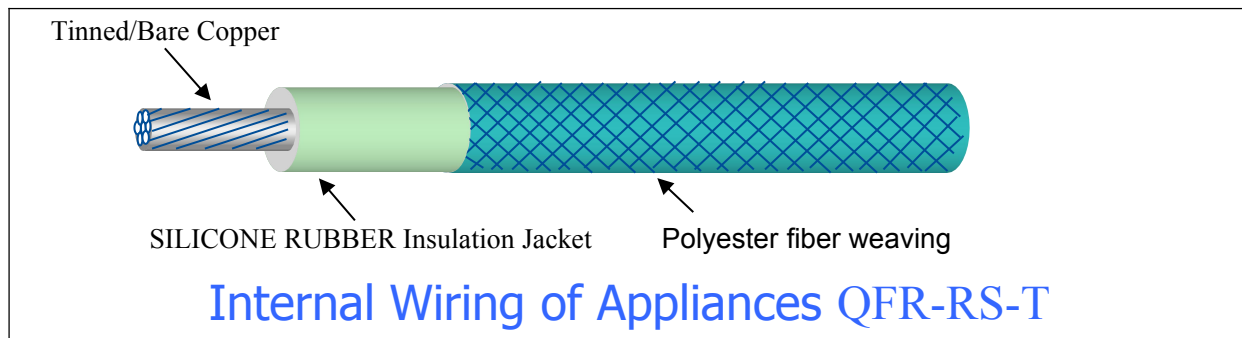
**SHOULD BE USED:**

Lead wire for hazardous location motors or internal wiring of appliances.

**REFERENCE:**

QFR STANDARD

**Outline:**



**Wire structure description:**

Conductor: Tinned /Bare copper ;

Insulation materials: SILICONE RUBBER Insulation

Braid: Polyester fiber weaving

Internal wiring Conductor temperature not over 180°C silicone rubber insulated wire  
 Rated temperature: -60-180°C rated voltage: 150V

STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20°C ( Ω /Km)	Conductor r Dia.(mm)	insulation thickness (mm) Nom	Fiber Glass Braid thickness (mm)	Overall diameter (mm)	
							Nom	Tole.
QFR- RS-T	0.3	12/0.18	64.4	0.7	0.35	0.15	1.7	±0.10
	0.5	20/0.18	38.7	1.0	0.35	0.15	2.0	±0.10
	0.75	30/0.18	25.8	1.2	0.35	0.15	2.2	±0.10
	1.25	50/0.18	15.5	1.5	0.40	0.15	2.6	±0.10
	2.0	37/0.26	9.91	1.8	0.45	0.20	3.1	±0.15
	3.5	45/0.32	5.38	2.5	0.50	0.20	3.9	±0.15

**Marking: NO**

**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-M/R			
2.0-3.5MM2	<input type="checkbox"/> 200M	<input checked="" type="checkbox"/> 500M	<input type="checkbox"/> 1000M	<input type="checkbox"/> 2000M
0.3-1.25MM2	<input type="checkbox"/> 200M	<input type="checkbox"/> 500M	<input checked="" type="checkbox"/> 1000M	<input type="checkbox"/> 2000M

According to customer requirements for packaging packaging