

品番
Model

R-
R-

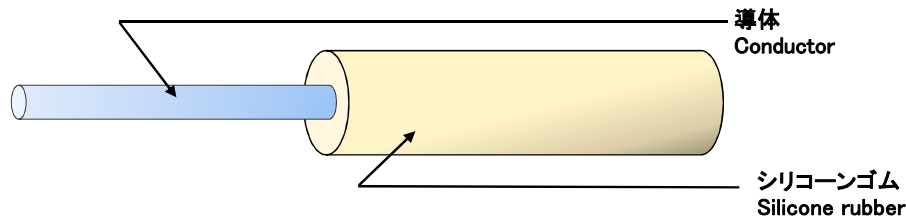
(一般用電線)
for General -purpose

特長 Features

1 構造・材質

Structure and material

- ・R-電線は導体にシリコンゴムを押し出被覆した電線です。
難燃性シリコンゴムを押し出被覆したFR-電線^(注)もごさいます。
Type R wire is constructed from a conductor covered with injection-molded silicone rubber.
We could supply flame-resistant wire as Type FR wire.(See " Note ")



2 品質・用途等

Quality and applications

- ・耐熱性、電気絶縁性にすぐれ、各種熱器具等の配線に使用されております。
Silicone rubber insulated wire is used in various types of heating equipment.

(注)難燃性は社内規格です。
Note) The flame-resistance is based on our internal standard.

3 標準製品仕様

Typical specifications of products

導体 Conductor			絶縁体厚さ (mm) Insulator thickness	仕上り外径 (mm) finished O.D.	試験電圧 (V/min) Test voltage	絶縁抵抗 (MΩ-km) Insulation resistance
直径又は公称断面積 Diameter or nominal cross section	芯線構成 (本/mm) Core structure	外径(mm) Outside diameter				
0.8mm	1/0.8	0.8	0.4	1.6±0.16	AC 1500	≧100
1.0mm	1/1.0	1.0	0.5	2.0±0.20	AC 1500	≧100
1.2mm	1/1.2	1.2	0.5	2.2±0.22	AC 1500	≧100
0.5mm ²	20/0.18	1.0	0.5	2.0±0.20	AC 1500	≧100
0.75mm ²	30/0.18	1.2	0.5	2.2±0.22	AC 1500	≧100
1.25mm ²	50/0.18	1.5	0.6	2.7±0.27	AC 1500	≧100
2.0mm ²	37/0.26	1.8	0.7	3.2±0.32	AC 1500	≧100
3.5mm ²	45/0.32	2.5	0.8	4.1±0.41	AC 1500	≧100
5.5mm ²	35/0.45	3.1	0.8	4.7±0.47	AC 1500	≧90

4 特性例

Characteristics

試験項目 Test item	単位 Unit	R-60-125T (R-type wire)	FR-60-125T (FR-type wire)	社内規格 Internal standards	
芯線構成 Cross structure		50/0.18	50/0.18	50/0.18	
水中耐電圧 Withstand voltage in water		合格 Pass	合格 Pass	AC1500V/1minutes	
絶縁体 Insulator	引張強さ Tensile strength	MPa	7.5	7.7	≥ 4
	伸び Elongation	%	340	290	≥ 200
絶縁抵抗 Insulation resistance	M Ω -km	600	580	≥ 100	
難燃性 Flammability		—	合格 Pass	JIS C 3005 4.26.2.a	