

**CHARACTER:**

**1.Physical performance**

- a、Excellent mechanical properties
- b、Excellent thermal stability
- c、Low temperature soft good performance
- d、Good flame retardancy
- e、Of high resistance to chemicals
- f、Chemistry stability is good
- b、Good resistance to high temperature of the engine fluid
- j、Excellent resistance to impact ability

**2.Electrical Properties**

- a、Electrical insulation good
- b、Good the dielectric properties

**3.Processing properties**

- a、Using the hot extrusion processing
- b、Can be twisted pair and multi-core
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to CCC standard design

**4.Environmental protection**

- a、ROHS/REACH compliant

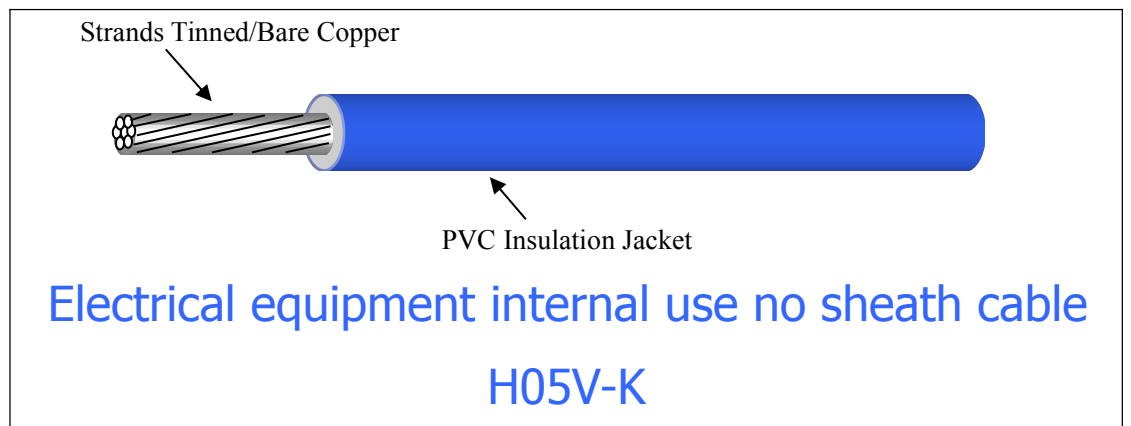
**SHOULD BE USED:**

Apply to equipment installation and the internal lamplight, the dry room, production equipment, power distribution board, pipe protective auxiliary equipment.

**REFERENCE:**

DIN VDE 0281-3:2001

**Outline:**



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

Electrical equipment with soft conductor internal temperature of 70 °C  
 PVC insulated cables H05V-K  
 Rated temperature: 70°C rated voltage: 300/500V

Part No.	Standard MM <sup>2</sup>	Construction Conductor Dia.(mm)	Conductor resistance 20°C (Ω/Km)	Conductor Dia.(mm)	jacket thickness Nom. (mm)	Overall diameter (mm)	
						Min	Max
H05V-K	0.50	20/0.18	40.10	0.95	0.60	2.1	2.5
	0.50	16/0.20	40.10	0.92	0.60	2.1	2.5
	0.75	30/0.18	26.70	1.15	0.60	2.2	2.7
	0.75	24/0.20	26.70	1.13	0.60	2.2	2.7
	1.00	40/0.18	20.00	1.35	0.60	2.4	2.8
	1.00	32/0.20	20.00	1.31	0.60	2.4	2.8

**Marking:**

◁ VDE ▷ QIFURUI H05V-K NO.mm<sup>2</sup>

**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/roll		
0.5~1.0mm <sup>2</sup>	□ 200M	□ 500M	■ 1000M
<b>3F</b>			
According to customer requirements for packaging packaging			