



# China Sanew Cable Co., Ltd.

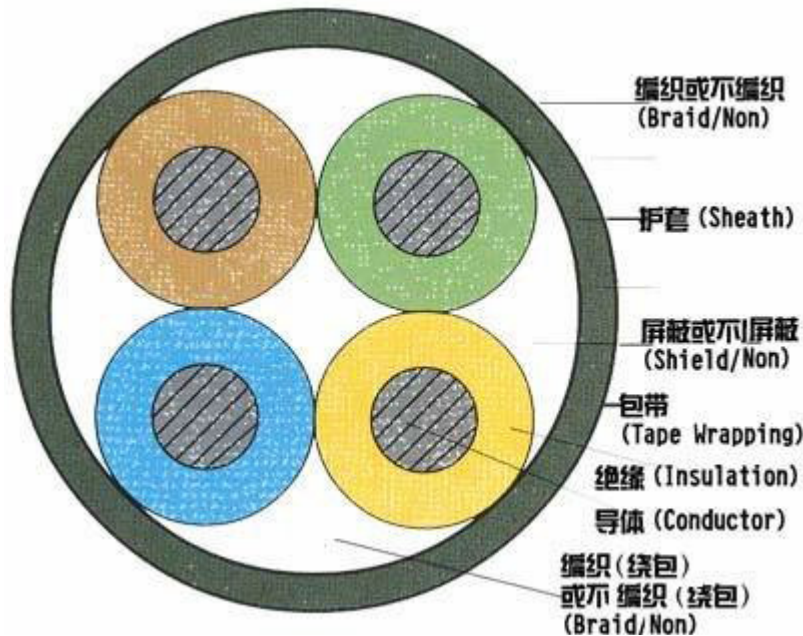
## KGGP Silicon Rubber Insulated and Sheathed Control cable

### Products features:








These two kinds of cables have a heavy duty, multi-conductor, silicone insulated control cable with a tear resistant silicone rubber jacket. They are recommended for uses in applications where high temperatures, UV light and mechanical abuse rapidly cause other cables to deteriorate. It is a flexible, cost effective, high temperature alternative to Teflon cables.

### Recommended applications:

Recommended applications include foundries, steel mills, glass factories, baking equipment, burners, heating and lighting systems. This cable can also be used anywhere salt water is present and high temperature processes are utilized.



### TECHNICAL DATA:

-  **Min. bend radius for installation:** 15 x cable diameter
-  **Temperature range:** -60°C to +180°C
-  **Working Voltage:** 450V/750V
-  **Test Voltage:** 2000V
-  **Conductor stranding:** Fine wire per VDE 0295, Class 5
-  **Color Code:**  
Up to 5 conductor: Colored per VDE 0293  
From 6 conductor: Black with white numbers, plus green and yellow
-  **Approvals:** According to VDE, UL

Add: 2-1-101, Binhefang, Daxing District, Beijing, China

Zip: 102600

Tel: +86 - 10 - 51265801

E-mail: [international@sanew-cable.com](mailto:international@sanew-cable.com)

Fax: +86 - 10 - 51286576



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## KGGR Silicon Rubber Insulated and Sheathed Control cable

| Nominal Area<br>mm <sup>2</sup> | Structure of<br>Conductor No./mm | Max Diameter mm |       | Reference Weight (kg/km) |       |
|---------------------------------|----------------------------------|-----------------|-------|--------------------------|-------|
|                                 |                                  | KGGR            | KGGRP | KGGR                     | KGGRP |
| 2*0.75                          | 24*0.20                          | 9.2             | 10.0  | 78                       | 118   |
| 2*1.0                           | 32*0.20                          | 9.5             | 10.6  | 87                       | 127   |
| 2*1.5                           | 48*0.20                          | 10.2            | 11.5  | 114                      | 164   |
| 2*2.5                           | 51*0.25                          | 10.5            | 12.5  | 156                      | 210   |
| 3*0.75                          | 24*0.20                          | 10.5            | 11.5  | 93                       | 133   |
| 3*1.0                           | 32*0.20                          | 11.5            | 12.9  | 100                      | 152   |
| 3*1.5                           | 48*0.20                          | 12.0            | 13.8  | 126                      | 177   |
| 3*2.5                           | 51*0.25                          | 12.5            | 14.8  | 180                      | 243   |
| 4*0.75                          | 24*0.20                          | 11.0            | 12.5  | 110                      | 160   |
| 4*1.0                           | 32*0.20                          | 11.5            | 13.0  | 120                      | 173   |
| 4*1.5                           | 48*0.20                          | 12.0            | 13.5  | 151                      | 205   |
| 4*2.5                           | 51*0.25                          | 14.5            | 15.5  | 220                      | 270   |
| 5*0.75                          | 24*0.20                          | 12.0            | 13.0  | 118                      | 168   |
| 5*1.0                           | 32*0.20                          | 12.5            | 13.5  | 140                      | 200   |
| 5*1.5                           | 48*0.20                          | 13.0            | 14.2  | 190                      | 250   |
| 5*2.5                           | 51*0.25                          | 14.0            | 15.2  | 290                      | 380   |
| 7*0.75                          | 24*0.20                          | 12.5            | 13.5  | 141                      | 201   |
| 7*1.0                           | 32*0.20                          | 13.0            | 14.2  | 162                      | 231   |
| 7*1.5                           | 48*0.20                          | 13.6            | 14.6  | 230                      | 290   |
| 7*2.5                           | 51*0.25                          | 15.5            | 16.5  | 350                      | 360   |
| 8*0.75                          | 24*0.20                          | 13.5            | 14.5  | 165                      | 224   |
| 8*1.0                           | 32*0.20                          | 14.0            | 15.0  | 190                      | 223   |
| 8*1.5                           | 48*0.20                          | 15.8            | 17.2  | 278                      | 281   |
| 8*2.5                           | 51*0.25                          | 17.0            | 18.2  | 410                      | 560   |
| 10*0.75                         | 24*0.20                          | 14.1            | 15.4  | 210                      | 310   |
| 10*1.0                          | 32*0.20                          | 15.0            | 16.0  | 260                      | 394   |
| 10*1.5                          | 48*0.20                          | 17.1            | 18.1  | 345                      | 460   |
| 10*2.5                          | 51*0.25                          | 21.0            | 22.1  | 510                      | 640   |
| 12*0.75                         | 24*0.20                          | 15.5            | 16.5  | 245                      | 345   |
| 12*1.0                          | 32*0.20                          | 17.2            | 18.2  | 287                      | 387   |
| 12*1.5                          | 48*0.20                          | 18.0            | 19.0  | 372                      | 500   |
| 12*2.5                          | 51*0.25                          | 21.0            | 22.0  | 577                      | 680   |
| 14*0.75                         | 24*0.20                          | 17.0            | 18.0  | 280                      | 380   |

|         |         |      |      |     |      |
|---------|---------|------|------|-----|------|
| 14*1.0  | 32*0.20 | 17.6 | 19.0 | 321 | 440  |
| 14*1.5  | 48*0.20 | 19.0 | 20.0 | 440 | 560  |
| 14*2.5  | 51*0.25 | 21.0 | 22.0 | 580 | 780  |
| 19*0.75 | 24*0.20 | 15.8 | 16.8 | 340 | 450  |
| 19*1.0  | 32*0.20 | 17.0 | 18.0 | 400 | 520  |
| 19*1.5  | 48*0.20 | 20.0 | 21.0 | 520 | 650  |
| 19*2.5  | 51*0.25 | 23.0 | 24.0 | 845 | 1023 |

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**Add:** 2-1-101,Binhefang, Daxing District ,Beijing ,China      **Zip:** 102600      **Tel:** +86 - 10 -51265801  
**E-mail:** [international@sanew-cable.com](mailto:international@sanew-cable.com)      **Fax:** +86 - 10 -51286576