



# China Sanew Cable Co., Ltd.

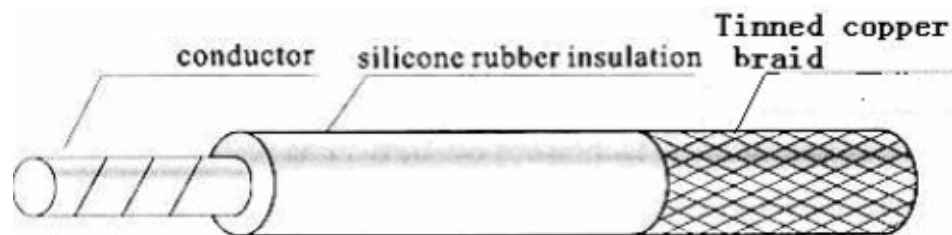
## AGRP Silicone Rubber Insulation Braid Heat Resisting Wire

### Product Features:







Composed of tinned, nickel-coated, silver-gilt copper conductors, silicone insulation, dry lubricant, inner jacket, tinned copper braid (85% coverage), black, tearing resistant silicone jacket. AGRP Silicone Rubber Insulation Braid Wire are recommended for applications in where high temperatures, UV light, mechanical abuse, and EMI interference is a concern. AGRP Silicone Rubber Insulation Braid Wire is a flexible, cost effective, high temperature and 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 presented and high temperature processes are utilized.



### TECHNICAL DATA:

-  **Min. bend radius for installation:** 15 x cable diameter
-  **Temperature range:** -60°C to +200°C
-  **Working Voltage:** 500V
-  **Conductor stranding:** Tin-coated, nickel-coated, silver-coated copper wire
-  **Color Code:** white, Black, Red, Yellow, Green, Blue, Brown, Yellow/Green .(Other colors available on request)
-  **Approvals:** According to VDE, UL

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## AGRP Silicone Rubber Insulation Braid Wire

Conductor		Insulation				Max resistance 20°C ,Ω/ km	Ref weight kg/km
Nominal area mm <sup>2</sup>	Structure of conductor No./mm	Nominal thickness mm	Braid thickness mm	Nominal diameter mm	Max diameter mm		
0.3	17/0.15	0.5	0.15	2.0	2.2	71.2	6.7
0.4	23/0.15	0.5	0.15	2.2	2.4	49.6	8.3
0.5	28/0.15	0.5	0.15	2.3	2.5	40.1	9.7
0.75	24/0.20	0.5	0.15	2.5	2.7	26.7	12.6
1.0	32/0.20	0.5	0.15	2.7	2.9	20.0	15.9
1.25	40/0.20	0.6	0.15	3.0	3.2	15.9	18.7
1.5	30/0.25	0.6	0.18	3.2	3.4	13.7	21.3
2.0	41/0.25	0.6	0.18	3.5	3.8	9.9	28.1
2.5	49/0.25	0.6	0.18	3.7	4.0	8.21	32.3
4	56/0.30	0.65	0.20	4.6	4.9	5.09	50.4
6	84/0.30	0.7	0.20	5.4	5.7	3.39	71.5
10	84/0.40	0.8	0.25	6.9	7.2	1.95	121.4
16	126/0.40	0.9	0.25	8.1	8.4	1.24	180
25	196/0.40	1.0	0.30	10	10.4	0.795	278
35	276/0.40	1.0	0.30	11.8	12.3	0.565	385
50	396/0.40	1.2	0.35	13.9	15.5	0.393	554
70	360/0.50	1.2	0.35	16.2	16.8	0.277	762
95	475/0.50	1.4	0.40	18.2	19	0.210	1028

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