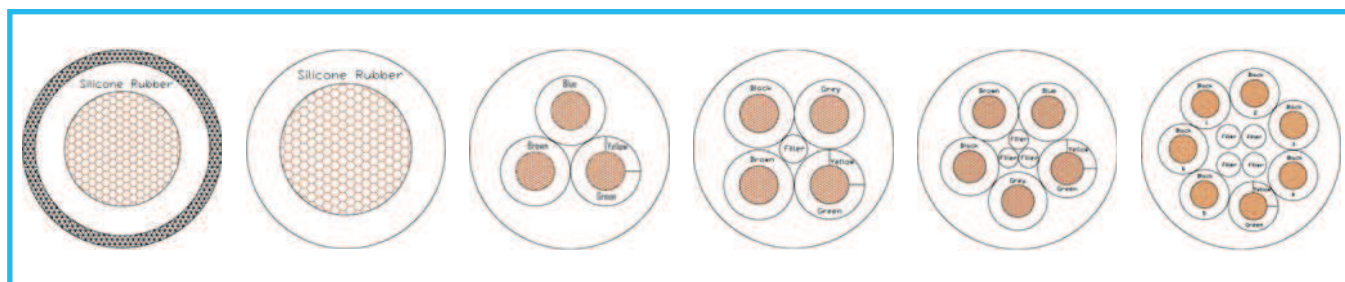


VIPERHITEMP HALOGEN-FREE CABLE

VIPERHITEMP

Flexible halogen-free Cable (Silicone Rubber insulated)



Single Core (Glass Braid)

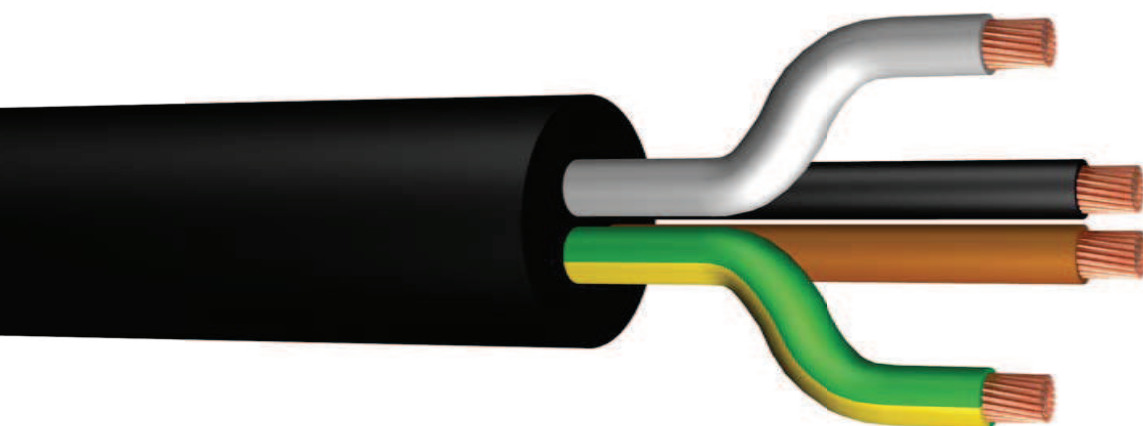
Single Core

2-Core and Earth

3-Core and Earth

4-Core and Earth

Multi-Core and Earth



● Standard references

IEC 60228
VDE 0295
AS/NZS 1125
AS/NZS 3808

- Conductors of insulated cables
- Conductors of cables, wires and flexible cords for power installation
- Conductor in insulated electric cables and flexible cords
- Insulating and sheathing materials for electric cables



VIPERHITEMP HALOGEN-FREE CABLE

300 / 500V Silicone Flexible Halogen Free Cables: Single-Core (180°C)

● Applications

WW Cables' VIPERHITEMP Silicone Flexible Cables are manufactured for use as wiring of domestic electrical heating application, lighting or industrial wiring for hot environments. Silicone flexible cables with coated synthetic reinforcing braid have excellent mechanical strength.

● Configuration

	Cables without braid reinforcement	Cable with braid reinforcement
Conductor:	plain annealed copper, class 5 fine wires stranded	plain annealed copper, class 5 fine wires stranded
Insulation:	Silicone rubber	Silicone rubber
Sheath:		Coated fibre glass reinforcing braid
Sheath identification	All colour	All colour

● Technical data*:

Voltage Ranges: 300V / 500V
Test voltage: 1500V

Conductor operating temp: -60°C ~ +180°C
Short circuit temp: +200°C

Minimum bending radius: 5 x cable O.D

*Further conductor types and stranding configuration on request.

*The maximum conductor temperatures specified are based on the properties of the insulation material but in practice may need to be derated to take account of joints and terminations and environmental conditions

Product Code	Nominal Area mm ²	Max. wires Dia. Fine-wire strand mm	Conductor Diameter mm	Insulation Thickness mm	Cable Overall Diameter mm	Cable Approx. Weight kg/km	Conductor d.c. resistance at 20°C Ω / km	Reinforcing braid
8805	0.5	0.20	0.85	0.6	2.4	8.6	39.0	●
8810	1	0.20	1.34	0.6	2.8	14.0	19.5	●
8815	1.5	0.25	1.64	0.7	3.3	20.3	13.3	●
8825	2.5	0.25	2.12	0.8	3.9	31.9	7.98	●
8805NB	0.5	0.20	0.85	0.6	2.0	8.1	39.0	-
8810NB	1	0.20	1.34	0.6	2.8	15.6	19.5	-
8815NB	1.5	0.25	1.64	0.7	3.1	21.0	13.3	-
8825NB	2.5	0.25	2.12	0.8	3.5	31.4	7.98	-



Cable Sheath Colour:			
20 – Green/Yellow	24 – Yellow	28 – Grey	32 – Pink
21 – Black	25 – Green	29 – White	33 – Light Pink
22 – Red	26 – Violet	30 – Orange	34 – Dark Blue
23 – Blue	27 – Brown	31 – Dark Blue	

VIPERHITEMP HALOGEN-FREE CABLE

300 / 500V Nickel-plated Core Flexible Cables: Single-Core (500°C)

● Applications

WW Cables' VIPERHITEMP Flexible Nickel-plated Cables are manufactured for use as wiring of heating elements, cartridges, bands and hot plates or heavy industry: foundries, steelwork and glassworks, etc.

● Configurations

	Cable with braid reinforcement
Conductor:	Class 5 strands Nickel -plated copper
Insulation:	Several mineral-impregnated glass lapping tapes
Sheath:	Silicone -coated mineral fibre braid
Sheath identification	Standard colour: White Any colour is available on request

Product Code	Nominal Area mm ²	Max. wires Dia. Fine -wire strand mm	Conductor Diameter mm	Cable Overall Diameter mm	Cable Approx. Weight kg/km	Conductor d.c. resistance at 20°C Ω / km
8810N5	1	0.20	1.34	3.98	17.9	20.0
8815N5	1.5	0.25	1.64	4.17	25.9	13.9
8825N5	2.5	0.25	2.12	4.77	37.8	8.21
8804N5	4	0.30	2.66	5.32	57.7	5.09
8806N5	6	0.30	3.39	5.81	83.2	3.40

● Technical data:

Rated voltage: 300 / 500V

Test voltage: 2000V

Conductor operating temp: -60°C ~ +450°C, Peaks at: 500°C

-- Further conductor types and stranding configuration on request.

-- The maximum conductor temperatures specified are based on the properties of the insulation material but in practice may need to be derated to take account of joints and terminations and environmental conditions



VIPERHITEMP HALOGEN-FREE CABLE

Silicone Flexible Halogen Free Cables (Cords): Multi-Core

● Applications

WW Cables' VIPERHITEMP Silicone Flexible Cables are manufactured for use as wiring in metal industry, glassworks, lighting, and in hot environment up to 180°C.

● Configuration

Conductor:	Tinned annealed copper, class 5 fine wires stranded
Insulation:	Silicone rubber
Sheath:	Silicone rubber
Sheath identification	Black

● Core identification:

2 core and earth, 3 Core and earth, 4 core and earth:

Cords (0.75mm² ~ 2.5mm²) to AS/NZS 3191:

Active cores: Brown, White, Black Neutral core: Blue Earth core: Green/Yellow

Cables (4.0 mm² and above) to VDE0293:

Active cores: Brown, Grey, Black Neutral core: Blue Earth core: Green/Yellow

6 cores and above:

Active cores: Black core with white numbering Earth core: Green/Yellow

● Technical data*:

Voltage Ranges: Cords: 450V / 750V, Cables: 600V / 1000V

Test voltage: 2000V

Conductor operating temp: -60°C ~ +180°C

Short circuit temp: +200°C

Minimum bending radius: 5 x cable O.D

*The maximum conductor temperatures specified are based on the properties of the insulation material but in practice may need to be derated to take account of joints and terminations and environmental conditions

Product Code	Nominal Area mm ²	Number of cores	Max. wires Diameter mm	Conductor Diameter mm	Core Diameter mm	Cable Overall Diameter mm	Cable Approx. Weight kg/km	Conductor d.c. Resistance at 20°C Ω / km
CORDS								
6875	0.75	2C	0.20	1.16	2.4	6.3	53.9	26.7
6975	0.75	2C+E	0.20	1.16	2.4	6.7	64.4	26.7
6675	0.75	3C+E	0.20	1.16	2.4	7.3	78.9	26.7
6810	1	2C	0.20	1.34	2.5	6.7	62.6	20.0
6910	1	2C+E	0.20	1.34	2.5	7.1	75.6	20.0
6710	1	3C+E	0.20	1.34	2.5	7.9	96.6	20.0
6610	1	4C+E	0.20	1.34	2.5	8.6	116.4	20.0
6615	1.5	2C	0.20	1.64	3.0	7.7	84.1	13.7
6815	1.5	2C+E	0.20	1.64	3.0	8.2	103.7	13.7
6915	1.5	3C+E	0.20	1.64	3.0	9.4	136.8	13.7
6715	1.5	4C+E	0.20	1.64	3.0	10.4	169.9	13.7
6515	1.5	6C+E	0.20	1.64	3.0	12.7	247.4	13.7
6215	1.5	11C+E	0.20	1.64	3.0	17.4	451.8	13.7
6219	1.5	18C+E	0.20	1.64	3.0	17.4	533.4	13.7
6825	2.5	2C+E	0.20	2.12	3.7	10.2	169.9	8.21
6925	2.5	3C+E	0.20	2.12	3.7	11.2	211.4	8.21
6625	2.5	4C+E	0.20	2.12	3.7	12.4	262.0	8.21
6725	2.5	6C+E	0.20	2.12	3.7	15.2	383.2	8.21
6225	2.5	11C+E	0.20	2.12	3.7	21.0	703.1	8.21
6226	2.5	18C+E	0.20	2.12	3.7	21.0	837.8	8.21
CABLES								
6840	4	2C+E	0.30	2.68	4.7	12.8	268.3	5.09
6640	4	3C+E	0.30	2.68	4.7	14.1	336.6	5.09
6540	4	4C+E	0.30	2.68	4.7	15.5	411.9	5.09
6659	6	2C+E	0.30	3.28	5.3	14.2	354.9	3.39
6660	6	3C+E	0.30	3.28	5.3	15.7	448.1	3.39
6661	6	4C+E	0.30	3.28	5.3	17.3	550.1	3.39

