



SILICONE IMPREGNATED CABLE

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06/07

F 5

1 - CONSTRUCTION

- Glass braid with silicone which main core is a red tinned copper braid, Class 5 NFC 32.013.
- Covered with several silicone impregnated glass braids.



2 - CHARACTERISTICS

SPECIFICATION	PVR 8
- Temperature of use	
- service	- 60 + 280 °C
- mini in peak	- 60 °C
- maxi in peak	+ 350 °C
- Dielectric Strength	2500 V
- Use Voltage	500 V
- Test Voltage	2000 V

- Good resistance to thermal shocks.
- Good resistance to U.V.
- Very good aging.
- Good resistance to damp.



3 - APPLICATIONS

- Cabling of resistances : Electric domestic appliances.
- Kitchens, ovens.
- Machines for thermoplastics or rubber.

4 - PRESENTATION

- Conditioning : Roll from 50 to 200 m according to \varnothing or on bobbins.
- Colours : From \varnothing 1,9 to 4,6 : white - red - green - black - blue - yellow - yellow/green - brown.
From \varnothing 6,6 to 27,5 : brown - black - grey - red brown.
For other colours, please question us.

Tolerance on weight and diameters :
+ - 5%.

outside diameter mm	INSIDE CORE			linear resistance at 20°C ohm/km	intensity maxi admitted at 240°C
	nominal diameter mm	nominal section mm ²	weight copper kg/km		
1,9	0,7	0,25	2,4	75,50	02,0
2,1	0,8	0,40	3,8	50,90	02,5
2,2	0,9	0,50	4,8	38,20	03,0
2,3	1,0	0,60	5,7	32,20	04,0
2,4	1,2	0,75	7,2	25,40	05,0
2,5	1,3	1,00	9,6	19,10	07,0
2,7	1,6	1,50	14,4	12,00	10,0
3,2	2,0	2,50	24,0	07,62	13,0
4,0	2,6	4,00	38,0	04,85	17,0
4,6	3,6	6,00	58,0	03,23	22,0
6,6	4,8	10,00	96,0	01,85	30,0
8,2	6,0	16,00	154,0	01,18	40,0

outside diameter mm	INSIDE CORE			linear resistance at 20°C ohm/km	intensity maxi. admitted at 240°C
	nominal diameter mm	nominal section mm ²	weight copper kg/km		
10,1	07,5	25,0	0240,0	0,75	052,0
12,0	08,8	35,0	0336,0	0,53	064,0
13,2	10,7	50,0	0480,0	0,37	076,0
16,3	12,8	70,0	0672,0	0,26	096,0
18,0	14,8	95,0	0912,0	0,20	115,0
19,5	16,4	120,0	1152,0	0,16	135,0
22,5	18,6	150,0	1440,0	0,13	160,0
24,4	20,5	185,0	1776,0	0,10	185,0
27,5	23,5	240,0	2376,0	0,08	230,0