



## FOR-FLEX IN ROLLS OF 150 or 200 METERS

### General characteristics

Over 150 different models, between 0,10 Ω/m and 3175 Ω/m.  
Request price by Ohm value and roll quantity.

Four types of coating available:

- Silicone Ø3 mm.
- Silicone Ø4 mm
- Fiberglass.
- Silicone + fiberglass.

# GROUP 4 - Flexible heating elements

## SFF / SSFF / PSFF / PSSFF

The insulation of FOR-FLEX flexible heating elements has been achieved by using a siliconized compound based on silicone elastomers which moreover provides complete protection of the conductor against moisture and corrosion.

The main feature of this type of element is its flexibility, which makes it adaptable to any type of surface. The minimum radius of curvature of each of the various types is equal to the diameter of the element itself.

The flexible heating elements withstand loads that vary according to the specific needs in each case, between 10 W/m and 50 W/m.

### Usual applications

- To heat and maintain temperature of conduction pipes and tanks containing heavy fluids such as combustible oils, greases, paints, waxes and other chemical products.
- Defrosting of refrigerator rooms at a low temperature (joints, doors, trays, waste pipes, glasses, etc.)
- To heat glasses for reactive and distillation appliances.
- To protect against freezing in pipe lines for water and valves
- Prevention of water condensation in connection cabinets

## FLEXIBLE SILICONE HEATING ELEMENTS OF Ø<sub>ext</sub>3 mm, FOR-FLEX NORMAL RANGE

### General characteristics

- Approx. Ø for all lengths 3 mm.
- Finished with tubular copper-plated terminals and conductor silicone leads 150 mm long.
- Maximum temperature: 180 °C.
- Standard voltage ~230 V
- Other dimensions, voltages and finishes are available on request.

#### 15 W/m Range

Code	Length in mm	W/m	Total watts	Weight in Kg
PSFF1	1000	16,5	16,5	0,010
PSFF1,5	1500	15	22,5	0,014
PSFF2	2000	15	30	0,018
PSFF2,5	2500	17	42,5	0,022
PSFF3	3000	15	45	0,026
PSFF3,5	3500	15	52,5	0,030
PSFF4	4000	15	60	0,034
PSFF4,5	4500	15	67,5	0,038
PSFF5	5000	15	75	0,042
PSFF5,5	5500	15	82,5	0,046
PSFF6	6000	15	90	0,054
PSFF7	7000	15	105	0,062
PSFF8	8000	15	120	0,070
PSFF9	9000	15	135	0,078
PSFF10	10000	15	150	0,086
PSFF12	12000	15	180	0,10
PSFF15	15000	15	225	0,13
PSFF20	20000	15	300	0,20

#### 30 W/m Range

Code	Length in mm	W/m	Total Watts	Weight in Kg
SFF1,5	1500	30	45	0,014
SFF2	2000	30	60	0,018
SFF2,5	2500	30	75	0,022
SFF3	3000	30	90	0,026
SFF3,5	3500	30	105	0,030
SFF4	4000	30	120	0,034
SFF4,5	4500	30	135	0,038
SFF5	5000	30	150	0,042
SFF5,5	5500	30	165	0,046
SFF6	6000	30	180	0,054
SFF7	7000	30	210	0,062
SFF8	8000	30	240	0,070
SFF9	9000	30	270	0,078
SFF10	10000	30	300	0,086
SFF12	12000	30	360	0,10
SFF15	15000	30	450	0,13
SFF20	20000	30	600	0,20



## FLEXIBLE SILICONE HEATING ELEMENTS OF Ø<sub>ext</sub>4 mm, FOR-FLEX SÚPER RANGE

### General characteristics

- Approx. Ø for all lengths 4 mm.
- Better insulation, less charge and stronger than the normal one.
- Finished with tubular copper-plated terminals and conductor silicone leads 150 mm long
- Maximum temperature: 180 °C.
- Standard voltage ~230 V
- Other dimensions, voltages and finishes are available on request.

#### 15 W/m Range

Code	Length in mm	W/m	Total Watts	Weight in Kg
PSSFF1,5	1500	15	22,5	0,033
PSSFF3	3000	15	45	0,066
PSSFF3,5	3500	15	52,5	0,077
PSSFF4,5	4500	15	67,5	0,10
PSSFF6	6000	15	90	0,13
PSSFF7	7000	15	105	0,15
PSSFF8	8000	14	115	0,17
PSSFF9	9000	15	135	0,19
PSSFF10	10000	15	150	0,21
PSSFF12	12000	15	180	0,25
PSSFF15	15000	15	225	0,31
PSSFF20	20000	15	300	0,42

#### 32 W/m to 36 W/m Ranges

Code	Length in mm	W/m	Total Watts	Weight in Kg
SSFF1	1000	35	35	0,020
SSFF1,5	1500	35	53	0,030
SSFF2	2000	35	70	0,040
SSFF2,5	2500	32	80	0,050
SSFF3	3000	35	105	0,060
SSFF4	4000	35	138	0,080
SSFF4,5	4500	35	157	0,095
SSFF5	5000	36	181	0,11
SSFF6	6000	35	210	0,13
SSFF7	7000	32	224	0,15
SSFF8	8000	35	276	0,17
SSFF9	9000	35	316	0,19
SSFF10	10000	34	341	0,21
SSFF12	12000	35	424	0,25
SSFF15	15000	35	526	0,31
SSFF20	20000	35	696	0,42

