



**Description:** ÖLFLEX HEAT 180 C MS 3 G 1\_

**Lapp code:** Lapp 0046709

The **Test voltage** of the cable Lapp 0046709 is 2000 V.

## Application range

- Areas with high ambient temperatures where insulating and sheath materials of conventional cables will embrittle after a short while
- Typical fields of application
  - Steel, ceramic and iron works
  - Bakery equipment and industrial furnaces
  - Electric motor industry
  - Sauna/solarium construction
  - Thermal and heating elements
  - Lighting technology
  - Ventilator engineering
  - Air-conditioning technology
  - Galvanisation technology

## Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based core insulation
- Cores twisted together
- Tinned-copper screen braiding, interleaved plastic foil wrapping
- Silicone-based outer sheath, colour black

In our Cable list on next page you can find all interesting information acc. article Lapp 0046709 and much more.

CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT 180 C MS					
ÖLFLEX HEAT 180 C MS 3 G 0,5	Lapp 0046701	3 G 0,5	8,6	43.4	100
ÖLFLEX HEAT 180 C MS 4 G 0,5	Lapp 0046702	4 G 0,5	9,3	55.4	122
ÖLFLEX HEAT 180 C MS 5 G 0,5	Lapp 0046703	5 G 0,5	10.0	60.2	137
ÖLFLEX HEAT 180 C MS 2 X 1	Lapp 0046708	2 X 1	9.0	48.2	104
ÖLFLEX HEAT 180 C MS 3 G 1	Lapp 0046709	3 G 1	9,5	65.0	131
ÖLFLEX HEAT 180 C MS 4 G 1	Lapp 0046710	4 G 1	10,2	74.6	152
ÖLFLEX HEAT 180 C MS 5 G 1	Lapp 0046711	5 G 1	11.0	91.5	181
ÖLFLEX HEAT 180 C MS 7 G 1	Lapp 0046712	7 G 1	11,9	117.9	228
ÖLFLEX HEAT 180 C MS 2 X 1,5	Lapp 0046716	2 X 1,5	9,6	65.0	126
ÖLFLEX HEAT 180 C MS 3 G 1,5	Lapp 0046717	3 G 1,5	10,1	79.4	152
ÖLFLEX HEAT 180 C MS 4 G 1,5	Lapp 0046718	4 G 1,5	10,9	101.1	186
ÖLFLEX HEAT 180 C MS 5 G 1,5	Lapp 0046719	5 G 1,5	11,8	122.7	222
ÖLFLEX HEAT 180 C MS 7 G 1,5	Lapp 0046720	7 G 1,5	12,8	158.7	281
ÖLFLEX HEAT 180 C MS 12 G 1,5	Lapp 0046721	12 G 1,5	16,9	245.2	431
ÖLFLEX HEAT 180 C MS 18 G 1,5	Lapp 0046723	18 G 1,5	19,6	346.1	600
ÖLFLEX HEAT 180 C MS 25 G 1,5	Lapp 0046724	25 G 1,5	23,9	495.7	833
ÖLFLEX HEAT 180 C MS 3 G 2,5	Lapp 0046728	3 G 2,5	11.0	115.5	197
ÖLFLEX HEAT 180 C MS 4 G 2,5	Lapp 0046729	4 G 2,5	11,9	146.7	244
ÖLFLEX HEAT 180 C MS 5 G 2,5	Lapp 0046730	5 G 2,5	12,9	177.9	291
ÖLFLEX HEAT 180 C MS 3 G 4	Lapp 0046734	3 G 4	12,3	165.9	261
ÖLFLEX HEAT 180 C MS 4 G 4	Lapp 0046735	4 G 4	13,4	211.5	325
ÖLFLEX HEAT 180 C MS 5 G 4	Lapp 0046736	5 G 4	14,9	257.2	389
ÖLFLEX HEAT 180 C MS 4 G 6	Lapp 0046740	4 G 6	17,2	302.8	482
ÖLFLEX HEAT 180 C MS 5 G 6	Lapp 0046741	5 G 6	18,7	367.6	580

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Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX HEAT 180 C MS 4 G 10	Lapp 0046742	4 G 10	22,8	508.4	802