



**Description:** ÖLFLEX HEAT 180 MS 2 X 1\_

**Lapp code:** Lapp 0046612

The **Test voltage** of the cable Lapp 0046612 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
- Silicone-based outer sheath, colour black

In our Cable list on next page you can find all interesting information acc. article Lapp 0046612 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 MS         |               |                                                   |                     |                      |                |
| ÖLFLEX HEAT 180 MS 2 X 0,5  | Lapp 0046600  | 2 X 0,5                                           | 7,4                 | 9.8                  | 72             |
| ÖLFLEX HEAT 180 MS 3 G 0,5  | Lapp 0046601  | 3 G 0,5                                           | 7,8                 | 14.7                 | 83             |
| ÖLFLEX HEAT 180 MS 4 G 0,5  | Lapp 00466023 | 4 G 0,5                                           | 8,5                 | 19.6                 | 99             |
| ÖLFLEX HEAT 180 MS 5 G 0,5  | Lapp 00466033 | 5 G 0,5                                           | 9,2                 | 24.5                 | 119            |
| ÖLFLEX HEAT 180 MS 7 G 0,5  | Lapp 0046604  | 7 G 0,5                                           | 9,9                 | 34.3                 | 142            |
| ÖLFLEX HEAT 180 MS 2 X 1    | Lapp 0046612  | 2 X 1                                             | 8,2                 | 19.2                 | 93             |
| ÖLFLEX HEAT 180 MS 3 G 1    | Lapp 0046613  | 3 G 1                                             | 8,7                 | 28.8                 | 110            |
| ÖLFLEX HEAT 180 MS 4 G 1    | Lapp 00466143 | 4 G 1                                             | 9,4                 | 38.4                 | 133            |
| ÖLFLEX HEAT 180 MS 5 G 1    | Lapp 00466153 | 5 G 1                                             | 10,3                | 48.0                 | 160            |
| ÖLFLEX HEAT 180 MS 7 G 1    | Lapp 0046616  | 7 G 1                                             | 11,1                | 67.2                 | 195            |
| ÖLFLEX HEAT 180 MS 12 G 1   | Lapp 0046617  | 12 G 1                                            | 14,9                | 115.2                | 345            |
| ÖLFLEX HEAT 180 MS 2 X 1,5  | Lapp 0046618  | 2 X 1,5                                           | 8,8                 | 28.8                 | 113            |
| ÖLFLEX HEAT 180 MS 3 G 1,5  | Lapp 0046619  | 3 G 1,5                                           | 9,3                 | 43.2                 | 135            |
| ÖLFLEX HEAT 180 MS 4 G 1,5  | Lapp 00466203 | 4 G 1,5                                           | 10,1                | 57.6                 | 165            |
| ÖLFLEX HEAT 180 MS 5 G 1,5  | Lapp 00466213 | 5 G 1,5                                           | 11,1                | 72.0                 | 200            |
| ÖLFLEX HEAT 180 MS 7 G 1,5  | Lapp 0046622  | 7 G 1,5                                           | 12,0                | 100.8                | 246            |
| ÖLFLEX HEAT 180 MS 12 G 1,5 | Lapp 0046623  | 12 G 1,5                                          | 16,1                | 172.8                | 437            |
| ÖLFLEX HEAT 180 MS 18 G 1,5 | Lapp 0046625  | 18 G 1,5                                          | 18,8                | 259.2                | 613            |
| ÖLFLEX HEAT 180 MS 25 G 1,5 | Lapp 0046626  | 25 G 1,5                                          | 22,9                | 360.0                | 904            |
| ÖLFLEX HEAT 180 MS 2 X 2,5  | Lapp 0046628  | 2 X 2,5                                           | 9,6                 | 48.0                 | 146            |
| ÖLFLEX HEAT 180 MS 3 G 2,5  | Lapp 0046629  | 3 G 2,5                                           | 10,2                | 72.0                 | 178            |
| ÖLFLEX HEAT 180 MS 4 G 2,5  | Lapp 00466303 | 4 G 2,5                                           | 11,1                | 96.0                 | 220            |
| ÖLFLEX HEAT 180 MS 5 G 2,5  | Lapp 00466313 | 5 G 2,5                                           | 12,2                | 120.0                | 269            |
| ÖLFLEX HEAT 180 MS 3 G 4    | Lapp 0046633  | 3 G 4                                             | 11,5                | 115.2                | 246            |

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|--------------------------|---------------|---------------------------------------------------|---------------------|----------------------|----------------|
| ÖLFLEX HEAT 180 MS 4 G 4 | Lapp 00466343 | 4 G 4                                             | 12,6                | 153.6                | 307            |
| ÖLFLEX HEAT 180 MS 5 G 4 | Lapp 00466353 | 5 G 4                                             | 14,2                | 192.0                | 389            |
| ÖLFLEX HEAT 180 MS 3 G 6 | Lapp 0046636  | 3 G 6                                             | 14,9                | 172.8                | 396            |
| ÖLFLEX HEAT 180 MS 4 G 6 | Lapp 00466373 | 4 G 6                                             | 16,4                | 230.4                | 495            |
| ÖLFLEX HEAT 180 MS 5 G 6 | Lapp 00466383 | 5 G 6                                             | 18.0                | 288.0                | 608            |