



Description: ÖLFLEX HEAT 180 SiF 0,5_

Lapp code: Lapp 0048105

The **Test voltage** of the cable Lapp 0048105 is 2000 V.

Application range

- Areas with high ambient temperatures where conventional core insulation materials will embrittle after a short while
- Typical fields of application
 - Control cabinet manufacturing
 - Appliances and apparatus engineering
 - Electric motor industry
 - Sauna/solarium construction
 - Thermal and heating elements
 - Lighting technology
 - Ventilator engineering
 - Air-conditioning technology
 - Furnace construction
 - Polymer processing
 - Generator and transformer manufacturing

Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based insulation

In our Cable list on next page you can find all interesting information acc. article Lapp 0048105 and much more.

CABLE LIST - all informations you need you can find here

| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|--------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047000 | 0,25 | 1,9 | green/yellow | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047001 | 0,25 | 1,9 | black | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047002 | 0,25 | 1,9 | blue | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047003 | 0,25 | 1,9 | brown | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047005 | 0,25 | 1,9 | yellow | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047006 | 0,25 | 1,9 | green | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047007 | 0,25 | 1,9 | violet | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047008 | 0,25 | 1,9 | pink | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047009 | 0,25 | 1,9 | orange | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047104 | 0,25 | 1,9 | red | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047105 | 0,25 | 1,9 | white | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,25 | Lapp 0047106 | 0,25 | 1,9 | grey | 2.4 | 5.4 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048000 | 0,5 | 2,1 | green/yellow | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048001 | 0,5 | 2,1 | black | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048002 | 0,5 | 2,1 | blue | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048003 | 0,5 | 2,1 | brown | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048005 | 0,5 | 2,1 | yellow | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048006 | 0,5 | 2,1 | green | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048007 | 0,5 | 2,1 | violet | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048008 | 0,5 | 2,1 | pink | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048009 | 0,5 | 2,1 | orange | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048104 | 0,5 | 2,1 | red | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048105 | 0,5 | 2,1 | white | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,5 | Lapp 0048106 | 0,5 | 2,1 | grey | 4.8 | 9.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049000 | 0,75 | 2,4 | green/yellow | 7.2 | 12.0 |

ÖLFLEX HEAT 180 SiF 0,5_

Lapp 0048105



| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|--------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049001 | 0,75 | 2,4 | black | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049002 | 0,75 | 2,4 | blue | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049003 | 0,75 | 2,4 | brown | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049005 | 0,75 | 2,4 | yellow | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049006 | 0,75 | 2,4 | green | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049007 | 0,75 | 2,4 | violet | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049008 | 0,75 | 2,4 | pink | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049009 | 0,75 | 2,4 | orange | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049104 | 0,75 | 2,4 | red | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049105 | 0,75 | 2,4 | white | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 0,75 | Lapp 0049106 | 0,75 | 2,4 | grey | 7.2 | 12.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050000 | 1 | 2,5 | green/yellow | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050001 | 1 | 2,5 | black | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050002 | 1 | 2,5 | blue | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050003 | 1 | 2,5 | brown | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050004 | 1 | 2,5 | beige | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050005 | 1 | 2,5 | yellow | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050006 | 1 | 2,5 | green | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050007 | 1 | 2,5 | violet | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050008 | 1 | 2,5 | pink | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050009 | 1 | 2,5 | orange | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050104 | 1 | 2,5 | red | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050105 | 1 | 2,5 | white | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1 | Lapp 0050106 | 1 | 2,5 | grey | 9.6 | 15.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051000 | 1,5 | 2,8 | green/yellow | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051001 | 1,5 | 2,8 | black | 14.4 | 20.0 |

ÖLFLEX HEAT 180 SiF 0,5_

Lapp 0048105



| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|-------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051002 | 1,5 | 2,8 | blue | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051003 | 1,5 | 2,8 | brown | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051005 | 1,5 | 2,8 | yellow | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051006 | 1,5 | 2,8 | green | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051007 | 1,5 | 2,8 | violet | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051008 | 1,5 | 2,8 | pink | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051009 | 1,5 | 2,8 | orange | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051104 | 1,5 | 2,8 | red | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051105 | 1,5 | 2,8 | white | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 1,5 | Lapp 0051106 | 1,5 | 2,8 | grey | 14.4 | 20.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052000 | 2,5 | 3,4 | green/yellow | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052001 | 2,5 | 3,4 | black | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052002 | 2,5 | 3,4 | blue | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052003 | 2,5 | 3,4 | brown | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052005 | 2,5 | 3,4 | yellow | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052006 | 2,5 | 3,4 | green | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052007 | 2,5 | 3,4 | violet | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052104 | 2,5 | 3,4 | red | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052105 | 2,5 | 3,4 | white | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 2,5 | Lapp 0052106 | 2,5 | 3,4 | grey | 24.0 | 32.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053000 | 4 | 4,2 | green/yellow | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053001 | 4 | 4,2 | black | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053002 | 4 | 4,2 | blue | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053003 | 4 | 4,2 | brown | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053005 | 4 | 4,2 | yellow | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053006 | 4 | 4,2 | green | 38.0 | 50.0 |

ÖLFLEX HEAT 180 SiF 0,5_

Lapp 0048105



| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053009 | 4 | 4,2 | orange | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053104 | 4 | 4,2 | red | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053105 | 4 | 4,2 | white | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 4 | Lapp 0053106 | 4 | 4,2 | grey | 38.0 | 50.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054000 | 6 | 5.0 | green/yellow | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054001 | 6 | 5.0 | black | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054002 | 6 | 5.0 | blue | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054003 | 6 | 5.0 | brown | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054004 | 6 | 5.0 | beige | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054005 | 6 | 5.0 | yellow | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054006 | 6 | 5.0 | green | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054104 | 6 | 5.0 | red | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054105 | 6 | 5.0 | white | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 6 | Lapp 0054106 | 6 | 5.0 | grey | 58.0 | 73.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055000 | 10 | 6,6 | green/yellow | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055001 | 10 | 6,6 | black | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055002 | 10 | 6,6 | blue | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055003 | 10 | 6,6 | brown | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055009 | 10 | 6,6 | orange | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055104 | 10 | 6,6 | red | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 10 | Lapp 0055106 | 10 | 6,6 | grey | 96.0 | 118.0 |
| ÖLFLEX HEAT 180 SiF 16 | Lapp 0056000 | 16 | 7,4 | green/yellow | 154.0 | 177.0 |
| ÖLFLEX HEAT 180 SiF 16 | Lapp 0056001 | 16 | 7,4 | black | 154.0 | 177.0 |
| ÖLFLEX HEAT 180 SiF 16 | Lapp 0056002 | 16 | 7,4 | blue | 154.0 | 177.0 |
| ÖLFLEX HEAT 180 SiF 16 | Lapp 0056104 | 16 | 7,4 | red | 154.0 | 177.0 |
| ÖLFLEX HEAT 180 SiF 16 | Lapp 0056106 | 16 | 7,4 | grey | 154.0 | 177.0 |

DATASHEET FOR ÖLFLEX HEAT 180 SiF 0,5_ by

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ÖLFLEX HEAT 180 SiF 0,5_

Lapp 0048105



| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|-------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 180 SiF 25 | Lapp 0057000 | 25 | 9,2 | green/yellow | 240.0 | 277.0 |
| ÖLFLEX HEAT 180 SiF 25 | Lapp 0057001 | 25 | 9,2 | black | 240.0 | 277.0 |
| ÖLFLEX HEAT 180 SiF 25 | Lapp 0057002 | 25 | 9,2 | blue | 240.0 | 277.0 |
| ÖLFLEX HEAT 180 SiF 25 | Lapp 0057104 | 25 | 9,2 | red | 240.0 | 277.0 |
| ÖLFLEX HEAT 180 SiF 25 | Lapp 0057106 | 25 | 9,2 | grey | 240.0 | 277.0 |
| ÖLFLEX HEAT 180 SiF 35 | Lapp 0058000 | 35 | 10,3 | green/yellow | 336.0 | 374.0 |
| ÖLFLEX HEAT 180 SiF 35 | Lapp 0058001 | 35 | 10,3 | black | 336.0 | 374.0 |
| ÖLFLEX HEAT 180 SiF 35 | Lapp 0058002 | 35 | 10,3 | blue | 336.0 | 374.0 |
| ÖLFLEX HEAT 180 SiF 35 | Lapp 0058104 | 35 | 10,3 | red | 336.0 | 374.0 |
| ÖLFLEX HEAT 180 SiF 50 | Lapp 0059000 | 50 | 12,2 | green/yellow | 480.0 | 530.0 |
| ÖLFLEX HEAT 180 SiF 50 | Lapp 0059001 | 50 | 12,2 | black | 480.0 | 530.0 |
| ÖLFLEX HEAT 180 SiF 50 | Lapp 0059104 | 50 | 12,2 | red | 480.0 | 530.0 |
| ÖLFLEX HEAT 180 SiF 70 | Lapp 0060000 | 70 | 14,2 | green/yellow | 672.0 | 724.0 |
| ÖLFLEX HEAT 180 SiF 70 | Lapp 0060001 | 70 | 14,2 | black | 672.0 | 724.0 |
| ÖLFLEX HEAT 180 SiF 70 | Lapp 0060002 | 70 | 14,2 | blue | 672.0 | 724.0 |
| ÖLFLEX HEAT 180 SiF 95 | Lapp 0061000 | 95 | 16,6 | green/yellow | 912.0 | 982.0 |
| ÖLFLEX HEAT 180 SiF 95 | Lapp 0061001 | 95 | 16,6 | black | 912.0 | 982.0 |
| ÖLFLEX HEAT 180 SiF 95 | Lapp 0061105 | 95 | 16,6 | white | 912.0 | 982.0 |
| ÖLFLEX HEAT 180 SiF 120 | Lapp 0062000 | 120 | 18.0 | green/yellow | 1152.0 | 1219.0 |
| ÖLFLEX HEAT 180 SiF 120 | Lapp 0062001 | 120 | 18.0 | black | 1152.0 | 1219.0 |
| ÖLFLEX HEAT 180 SiF 150 | Lapp 0063001 | 150 | 20.0 | black | 1440.0 | 1524.0 |
| ÖLFLEX HEAT 180 SiF 185 | Lapp 0064001 | 185 | 22,5 | black | 1776.0 | 1915.0 |