

**INDUSTRIAL COMPONENT DATA**

# 0046507 ÖLFLEX HEAT 180 EWKF 3G1 LAPP ÖLFLEX HEAT 180 EWKF 3G1

Brand: LAPP | Manufacturer Part Number: 0046507



|                 |                                               |
|-----------------|-----------------------------------------------|
| Manufacturer    | LAPP                                          |
| MPN / Reference | 0046507                                       |
| Catalog number  | ÖLFLEX HEAT 180 EWKF 3G1                      |
| Category        | Power cable less 1 kV, for moving application |
| Minimum order   | 100 m.                                        |
| Document ID     | EO-A04ECE83BC                                 |
| Generated       | 2026-08-02                                    |

## Product Overview

ÖLFLEX HEAT 180 EWKF 3G1

ÖLFLEX® HEAT 180 EWKF

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      LAPP &gt; ÖLFLEX HEAT Temperature measurement cables

## Additional Product Information

ÖLFLEX® HEAT 180 EWKF - silicone power and control cable, tear and notch resistant, for use in machines, plant construction and toolbuilding, suitable for +180°C

Proven notch-resistant EWKF quality

Further dimensions/colours on request

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

Benefits

Longer durability in harsh applications than conventional silicone cables

Notch and tear-resistant silicone compounds reduce damage due to mechanical stress

Due to the use of special additives in EWKF silicone, armoured cable versions will not be required

Flexibility simplifies installation where space is limited

Possesses insulating properties after combustion due to remaining SiO2 ash on the conductor

Application range

Areas with high ambient temperatures and occasionally mechanical stress

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 features****EWKF:**

Initial tear propagation and notch resistance

Halogen-free (IEC 60754-1), no corrosive gases (IEC 60754-2), flame-retardant (IEC 60332-1-2)

Good hydrolysis and UV-resistance

Resistant to a multitude of oils, alcohols, vegetable and animal fats and chemical substances

Adequate ventilation must be ensured, since the mechanical properties of silicone cables decrease from +100°C in th...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send LAPP / 0046507 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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