

## ÖLFLEX® ROBUST 200

Proven all-weather connection cable - resistant against a variety of chemical media

ÖLFLEX® ROBUST 200 - Power cable, weather, bio oil, detergent and hot water resistant for use in food & beverage industry and composting plants

### Info

Excellent weather resistance  
Good chemical resistance  
Voltage class 450/750 V



UV-resistant



Halogen-free



Good chemical resistance



Suitable for outdoor use



Cold-resistant

### Benefits

Outstanding weather, ozone and UV resistance together with the wide temperature range enable versatile use for indoor and outdoor applications

Resistant to contact with plant, animal or synthetic-based organic oils, greases, waxes and the related emulsions

Good resistance to ammonia compounds and bio-gases

Good resistance to cold and hot water as well as water-soluble cleaning and cooling agents

Well-suited to frequent steam cleaning

Last Update (07.08.2017)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ÖLFLEX® ROBUST 200

### Application range

Machine tool building, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works

Food and beverage industry, especially for production and processing equipment of milk and meat products

Agricultural equipment

For indoor and outdoor use

### Product features

Good chemical resistance to ester-based hydraulic fluids

Ozone, UV and weather-resistant according to EN 50396 and HD 605 S2

Flexible down to -40°C

Low-capacitance design

Colour-coded up to 5 cores

### Norm references / Approvals

Based on EN 50525-2-51

Certified resistance to disinfection and cleaning solutions used in food and beverage industry

### Product Make-up

Fine-wire, bare copper conductor

Core insulation made of modified PP

Cores twisted in layers

Outer sheath made of special TPE

Sheath colour: black

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Core identification code:	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 450/750 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -40°C to +80°C Fixed installation: -50°C to +80°C

## ÖLFLEX® ROBUST 200

### Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging: Ring  $\leq 30$  kg or  $\leq 250$  m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Single lengths for dimensions:  $\geq 4G16$  max. 600 m;  $\geq 4G25$  max. 300 m;  $\geq 4G50$  max. 250 m

Photographs are not to scale and do not represent detailed images of the respective products.

\* Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® ROBUST 200				
0021800	2 X 1	8	19.2	65
0021801	3 G 1	8.4	29	79
0021802	4 G 1	9.2	38.4	96
0021803	5 G 1	10	48	113
0021805	2 X 1.5	8.6	29	78
0021806	3 G 1.5	9.1	43	97
0021807	4 G 1.5	9.9	58	122
0021808	5 G 1.5	10.8	72	146
0021809	7 G 1.5	13.5	101	208
0021810	2 X 2.5	9.8	48	114
0021811	3 G 2.5	10.4	72	144
0021812	4 G 2.5	11.5	96	181
0021813	5 G 2.5	13.1	120	222
0021814	7 G 2.5	15.9	168	312
0021816	3 G 4	12.4	115.2	215
0021817	4 G 4	14	154	273
0021818	5 G 4	15.8	192	333
0021822	4 G 6	15.7	230	378
0021823	5 G 6	17.2	288	463
0021825	4 G 10	19.4	384	570
0021826	5 G 10	21.4	480	770
0021828	4 G 16	22.4	614	885
0021829	5 G 16	24.6	768	1100
0021831	4 G 25	27	960	1365
0021833	4 G 35	29.7	1344	1773
0021836	4 G 50	36.2	1920	3454

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