

For use in most extreme conditions

Product Description

Thin outer diameters for maximum saving of space and weight; Low outgassing behaviour



Application range

- Various applications in very high ambient temperatures, aggressive chemical media or tight spaces which rule out the use of conventional cores
- Typical fields of application - Switchgear cabinets with high heat generation - Measuring instruments - Furnaces and brickworks - Heating equipment and kitchen appliances - Electric motor building - Installations in the chemical industry

Benefits

- Thin outer diameters for maximum saving of space and weight
- Low outgassing behaviour

Design

- Silver plated AWG copper conductor
- PTFE core insulation

Product features

- ÖLFLEX® HEAT 260 made of PTFE - Outstanding resistance against acids, alkalis, solvents, synthetic liquids, lacquers, petrol, oils and many other chemical media - Difficult to inflame - High dielectric strength and abrasion-proof - Low water absorption - Resistant to microbes - Adhesion free insulation - Weather and ozone resistant - Hydrophobic and dirt-repellent - High elongation resistance and tear strength - Resists contact with liquid nitrogen - Resistant against synthetic hydraulic fluids



Technical Data

Specific insulation resistance

> 1 TOhm x cm

Conductor stranding

AWG conductors sizes, 7-, 19- or 37 wires

Minimum bending radius

Fixed installed: 4 x outer diameter

Rated voltage

U0/U 300/500 V

Test voltage

3400 V

Range of temperature

Fixed installation: -190°C up to +260°C

Article List

Part number	AWG No. and wire number	Outer diameter mm	Wire colour	Copper index kg/km	Weight kg/km
0094000	28 (7)	0,89	greenyellow	0.9	2
0094001	28 (7)	0,89	black	0.9	2
0094002	28 (7)	0,89	blue	0.9	2
0094003	28 (7)	0,89	brown	0.9	2
0094005	28 (7)	0,89	yellow	0.9	2
0094006	28 (7)	0,89	green	0.9	2
0094007	28 (7)	0,89	purple	0.9	2
0094008	28 (7)	0,89	Pink	0.9	2
0094009	28 (7)	0,89	orange	0.9	2
0094010	28 (7)	0,89	transparent	0.9	2
0094104	28 (7)	0,89	red	0.9	2
0094105	28 (7)	0,89	white	0.9	2
0094106	28 (7)	0,89	grey	0.9	2
0095001	26 (7)	0,99	black	1.4	2.7
0095002	26 (7)	0,99	blue	1.4	2.7
0095005	26 (7)	0,99	yellow	1.4	2.7
0095006	26 (7)	0,99	green	1.4	2.7
0095007	26 (7)	0,99	purple	1.4	2.7
0095009	26 (7)	0,99	orange	1.4	2.7
0095104	26 (7)	0,99	red	1.4	2.7
0095105	26 (7)	0,99	white	1.4	2.7
0095106	26 (7)	0,99	grey	1.4	2.7
0096000	26 (19)	0,99	greenyellow	1.5	2.9
0096001	26 (19)	0,99	black	1.5	2.9



0096006	26 (19)	0,99	green	1.5	2.9
0096104	26 (19)	0,99	red	1.5	2.9
0097001	24 (7)	1,12	black	2.2	3.8
0097002	24 (7)	1,12	blue	2.2	3.8
0097003	24 (7)	1,12	brown	2.2	3.8
0097104	24 (7)	1,12	red	2.2	3.8
0097105	24 (7)	1,12	white	2.2	3.8
0098000	24 (19)	1,12	greenyellow	2.3	4
0098001	24 (19)	1,12	black	2.3	4
0098002	24 (19)	1,12	blue	2.3	4
0098003	24 (19)	1,12	brown	2.3	4
0098006	24 (19)	1,12	green	2.3	4
0098104	24 (19)	1,12	red	2.3	4
0098105	24 (19)	1,12	white	2.3	4
0098106	24 (19)	1,12	grey	2.3	4
0099001	22 (7)	1,27	black	3.4	5.4
0099002	22 (7)	1,27	blue	3.4	5.4
0099003	22 (7)	1,27	brown	3.4	5.4
0099006	22 (7)	1,27	green	3.4	5.4
0099007	22 (7)	1,27	purple	3.4	5.4
0099104	22 (7)	1,27	red	3.4	5.4
0099105	22 (7)	1,27	white	3.4	5.4
0100001	22 (19)	1,27	black	3.7	5.7
0100002	22 (19)	1,27	blue	3.7	5.7
0100003	22 (19)	1,27	brown	3.7	5.7
0100005	22 (19)	1,27	yellow	3.7	5.7
0100009	22 (19)	1,27	orange	3.7	5.7
0100104	22 (19)	1,27	red	3.7	5.7
0100105	22 (19)	1,27	white	3.7	5.7
0101001	20 (7)	1,47	black	5.4	7.7
0101002	20 (7)	1,47	blue	5.4	7.7
0101003	20 (7)	1,47	brown	5.4	7.7
0101006	20 (7)	1,47	green	5.4	7.7
0101104	20 (7)	1,47	red	5.4	7.7
0101105	20 (7)	1,47	white	5.4	7.7
0102001	20 (19)	1,47	black	5.9	8.2
0102002	20 (19)	1,47	blue	5.9	8.2
0102003	20 (19)	1,47	brown	5.9	8.2
0102005	20 (19)	1,47	yellow	5.9	8.2
0102006	20 (19)	1,47	green	5.9	8.2
0102007	20 (19)	1,47	purple	5.9	8.2



0102009	20 (19)	1,47	orange	5.9	8.2
0102104	20 (19)	1,47	red	5.9	8.2
0102105	20 (19)	1,47	white	5.9	8.2
0102106	20 (19)	1,47	grey	5.9	8.2
0103001	18 (7)	1,74	black	8.6	12
0104000	18 (19)	1,74	greenyellow	9.3	12
0104001	18 (19)	1,74	black	9.3	12
0104002	18 (19)	1,74	blue	9.3	12
0104003	18 (19)	1,74	brown	9.3	12
0104005	18 (19)	1,74	yellow	9.3	12
0104006	18 (19)	1,74	green	9.3	12
0104007	18 (19)	1,74	purple	9.3	12
0104009	18 (19)	1,74	orange	9.3	12
0104010	18 (19)	1,74	transparent	9.3	12
0104104	18 (19)	1,74	red	9.3	12
0104105	18 (19)	1,74	white	9.3	12
0105000	16 (19)	2,04	greenyellow	11.8	16
0105001	16 (19)	2,04	black	11.8	16
0105002	16 (19)	2,04	blue	11.8	16
0105003	16 (19)	2,04	brown	11.8	16
0105005	16 (19)	2,04	yellow	11.8	16
0105006	16 (19)	2,04	green	11.8	16
0105007	16 (19)	2,04	purple	11.8	16
0105008	16 (19)	2,04	Pink	11.8	16
0105009	16 (19)	2,04	orange	11.8	16
0105104	16 (19)	2,04	red	11.8	16
0105105	16 (19)	2,04	white	11.8	16
0106000	14 (19)	2,42	greenyellow	18.7	23
0106001	14 (19)	2,42	black	18.7	23
0106002	14 (19)	2,42	blue	18.7	23
0106003	14 (19)	2,42	brown	18.7	23
0106005	14 (19)	2,42	yellow	18.7	23
0106006	14 (19)	2,42	green	18.7	23
0106104	14 (19)	2,42	red	18.7	23
0106105	14 (19)	2,42	white	18.7	23
0106106	14 (19)	2,42	grey	18.7	23
0107000	12 (19)	2,87	greenyellow	29.6	35
0107001	12 (19)	2,87	black	29.6	35
0107002	12 (19)	2,87	blue	29.6	35
0107003	12 (19)	2,87	brown	29.6	35
0107005	12 (19)	2,87	yellow	29.6	35



0107006	12 (19)	2,87	green	29.6	35
0107105	12 (19)	2,87	white	29.6	35
0108000	10 (37)	3,4	greenyellow	45.6	51
0108001	10 (37)	3,4	black	45.6	51
0108002	10 (37)	3,4	blue	45.6	51
0108104	10 (37)	3,4	red	45.6	51
0108105	10 (37)	3,4	white	45.6	51

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Packaging size: Coil 100m

Available as original coil ware only

Also available on large spools and non-returnable barrels.

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

Part number index of core colours: 000 =greenyellow / 001 =black / 002 =blue / 003 =brown / 005 = yellow / 006 =green / 007 =purple / 008 =pink / 009 =orange / 010 =transparent / 104 =red / 105 =white / 106 =grey

Other colours on request