


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® HEAT 260 SC	12.09.2012

For use in the most extreme conditions
 Small outer diameters for maximum saving of space and weight
 Resistant to contact with mostly all highly aggressive chemical media
 Stress crack resistant to frequent ambient temperature fluctuations



Info

Excellent chemical, thermal and electrical performance
 Space and weight-saving
 PTFE = Polytetrafluoroethylene

Application range

Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight spaces
 Typical fields of application - Control cabinets with high heat generation - Measuring instruments - Furnaces and brickworks - Heating equipment and kitchen appliances - Electric motor building - Installations in the chemical industry

Design

Silver-plated AWG copper conductor
 PTFE core insulation

Product features

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

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.
 Packaging size: Coil 100m
 Available as original coil goods only
 Also available on large spools and non-returnable drums.
 Photographs are not to scale and do not represent detailed images of the respective products.
 Article number index of core colours: 000 = green-yellow; 001 = black; 002 = blue; 003 = brown; 005 = yellow; 006 = green; 007 = violet; 008 = pink; 009 = orange; 010 = transparent; 104 = red; 105 = white; 106 = grey
 Other colours are available upon request

Technical Data

Specific insulation resistance:	> 1 TΩm x cm
Conductor stranding:	AWG conductor sizes, 7, 19 or 37 wires
Minimum bending radius:	Fixed installation: 4 x outer diameter
Nominal voltage:	U ₀ /U: 300/500 V
Test voltage:	3400 V
Temperature range:	Fixed installation: -190 °C to +260 °C

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Part number	AWG No. and wire number	Outer diameter (mm)	Core colour	Copper index (kg/km)
0094000	28 (7)	0,89	Green/yellow	0.9
0094001	28 (7)	0,89	black	0.9
0094002	28 (7)	0,89	blue	0.9
0094003	28 (7)	0,89	brown	0.9
0094005	28 (7)	0,89	yellow	0.9
0094006	28 (7)	0,89	green	0.9
0094007	28 (7)	0,89	violet	0.9
0094008	28 (7)	0,89	Pink	0.9
0094009	28 (7)	0,89	orange	0.9
0094010	28 (7)	0,89	Transparent	0.9
0094104	28 (7)	0,89	red	0.9
0094105	28 (7)	0,89	white	0.9
0094106	28 (7)	0,89	grey	0.9
0095001	26 (7)	0,99	black	1.4
0095002	26 (7)	0,99	blue	1.4
0095005	26 (7)	0,99	yellow	1.4
0095006	26 (7)	0,99	green	1.4
0095007	26 (7)	0,99	violet	1.4
0095009	26 (7)	0,99	orange	1.4
0095104	26 (7)	0,99	red	1.4
0095105	26 (7)	0,99	white	1.4
0095106	26 (7)	0,99	grey	1.4
0096000	26 (19)	0,99	Green/yellow	1.5
0096001	26 (19)	0,99	black	1.5
0096006	26 (19)	0,99	green	1.5
0096104	26 (19)	0,99	red	1.5
0097001	24 (7)	1,12	black	2.2
0097002	24 (7)	1,12	blue	2.2
0097003	24 (7)	1,12	brown	2.2
0097104	24 (7)	1,12	red	2.2
0097105	24 (7)	1,12	white	2.2
0098000	24 (19)	1,12	Green/yellow	2.3
0098001	24 (19)	1,12	black	2.3
0098002	24 (19)	1,12	blue	2.3
0098003	24 (19)	1,12	brown	2.3

Part number	AWG No. and wire number	Outer diameter (mm)	Core colour	Copper index (kg/km)
0098006	24 (19)	1,12	green	2.3
0098104	24 (19)	1,12	red	2.3
0098105	24 (19)	1,12	white	2.3
0098106	24 (19)	1,12	grey	2.3
0099001	22 (7)	1,27	black	3.4
0099002	22 (7)	1,27	blue	3.4
0099003	22 (7)	1,27	brown	3.4
0099006	22 (7)	1,27	green	3.4
0099007	22 (7)	1,27	violet	3.4
0099104	22 (7)	1,27	red	3.4
0099105	22 (7)	1,27	white	3.4
0100001	22 (19)	1,27	black	3.7
0100002	22 (19)	1,27	blue	3.7
0100003	22 (19)	1,27	brown	3.7
0100005	22 (19)	1,27	yellow	3.7
0100009	22 (19)	1,27	orange	3.7
0100104	22 (19)	1,27	red	3.7
0100105	22 (19)	1,27	white	3.7
0101001	20 (7)	1,47	black	5.4
0101002	20 (7)	1,47	blue	5.4
0101003	20 (7)	1,47	brown	5.4
0101006	20 (7)	1,47	green	5.4
0101104	20 (7)	1,47	red	5.4
0101105	20 (7)	1,47	white	5.4
0102001	20 (19)	1,47	black	5.9
0102002	20 (19)	1,47	blue	5.9
0102003	20 (19)	1,47	brown	5.9
0102005	20 (19)	1,47	yellow	5.9
0102006	20 (19)	1,47	green	5.9
0102007	20 (19)	1,47	violet	5.9
0102009	20 (19)	1,47	orange	5.9
0102104	20 (19)	1,47	red	5.9
0102105	20 (19)	1,47	white	5.9
0102106	20 (19)	1,47	grey	5.9
0103001	18 (7)	1,74	black	8.6

Part number	AWG No. and wire number	Outer diameter (mm)	Core colour	Copper index (kg/km)
0104000	18 (19)	1,74	Green/yellow	9.3
0104001	18 (19)	1,74	black	9.3
0104002	18 (19)	1,74	blue	9.3
0104003	18 (19)	1,74	brown	9.3
0104005	18 (19)	1,74	yellow	9.3
0104006	18 (19)	1,74	green	9.3
0104007	18 (19)	1,74	violet	9.3
0104009	18 (19)	1,74	orange	9.3
0104010	18 (19)	1,74	Transparent	9.3
0104104	18 (19)	1,74	red	9.3
0104105	18 (19)	1,74	white	9.3
0105000	16 (19)	2,04	Green/yellow	11.8
0105001	16 (19)	2,04	black	11.8
0105002	16 (19)	2,04	blue	11.8
0105003	16 (19)	2,04	brown	11.8
0105005	16 (19)	2,04	yellow	11.8
0105006	16 (19)	2,04	green	11.8
0105007	16 (19)	2,04	violet	11.8
0105008	16 (19)	2,04	Pink	11.8
0105009	16 (19)	2,04	orange	11.8
0105104	16 (19)	2,04	red	11.8
0105105	16 (19)	2,04	white	11.8
0106000	14 (19)	2,42	Green/yellow	18.7
0106001	14 (19)	2,42	black	18.7
0106002	14 (19)	2,42	blue	18.7
0106003	14 (19)	2,42	brown	18.7
0106005	14 (19)	2,42	yellow	18.7
0106006	14 (19)	2,42	green	18.7
0106104	14 (19)	2,42	red	18.7
0106105	14 (19)	2,42	white	18.7
0106106	14 (19)	2,42	grey	18.7
0107000	12 (19)	2,87	Green/yellow	29.6
0107001	12 (19)	2,87	black	29.6
0107002	12 (19)	2,87	blue	29.6
0107003	12 (19)	2,87	brown	29.6

Part number	AWG No. and wire number	Outer diameter (mm)	Core colour	Copper index (kg/km)
0107005	12 (19)	2,87	yellow	29.6
0107006	12 (19)	2,87	green	29.6
0107105	12 (19)	2,87	white	29.6
0108000	10 (37)	3,4	Green/yellow	45.6
0108001	10 (37)	3,4	black	45.6
0108002	10 (37)	3,4	blue	45.6
0108104	10 (37)	3,4	red	45.6
0108105	10 (37)	3,4	white	45.6

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