

Expanded ambient temperatures • PTFE single cores (-190°C to +260°C)



ÖLFLEX® HEAT 260 SC

For use in the most extreme conditions



Benefits

- 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

Application range

- For use in environments with very high operating temperatures, heavy usage of chemical agents or confined spaces
- Typical fields of application
 - Aerospace engineering
 - High-frequency engineering
 - Control cabinets with high heat generation
 - Measuring instruments
 - Furnaces and brickworks
 - Heating equipment and kitchen appliances
 - Electric motor building
 - Installations in the chemical industry

Product features

- Flame retardant acc. to IEC 60332-1-2
- 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 hydraulic fluids
- Silver plated copper is characterized by good surface conductivity (skin effect) and good solderability

Product Make-up

- Silver-plated AWG copper conductor
- PTFE core insulation
- PTFE= Polytetrafluoroethylene

Info

- Excellent chemical, thermal and electrical performance
- Space and weight-saving

Technical data

	Classification ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
	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

AWG No. and wire number	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	brown	black	grey	blue	green/yellow	orange
ÖLFLEX® HEAT 260 SC									
28 (7)	0.8	0.9	2	0094003	0094001	0094106	0094002	0094000	0094009
26 (7)	0.9	1.4	2.7		0095001	0095106	0095002		0095009
26 (19)	0.9	1.5	2.9		0096001	0106011		0096000	
24 (7)	1.1	2.2	3.8	0097003	0097001		0097002		
24 (19)	1.1	2.3	4	0098003	0098001	0098106	0098002	0098000	
22 (7)	1.2	3.4	5.4	0099003	0099001		0099002		
22 (19)	1.2	3.7	5.7	0100003	0100001		0100002		0100009
20 (7)	1.4	5.4	7.7	0101003	0101001		0101002		
20 (19)	1.4	5.9	8.2	0102003	0102001	0102106	0102002	0102000	0102009
18 (7)	1.7	8.6	12		0103001				
18 (19)	1.7	9.3	12	0104003	0104001		0104002	0104000	0104009
16 (19)	2.0	11.8	16	0105003	0105001		0105002	0105000	0105009
14 (19)	2.4	18.7	23	0106003	0106001	0106106	0106002	0106000	
12 (19)	2.8	29.6	35	0107003	0107001		0107002	0107000	0107009
10 (37)	3.4	45.6	51		0108001		0108002	0108000	

AWG No. and wire number	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)	white	green	yellow	violet	red
ÖLFLEX® HEAT 260 SC								
28 (7)	0.8	0.9	2	0094105	0094006	0094005	0094007	0094104
26 (7)	0.9	1.4	2.7	0095105	0095006		0095007	0095104
26 (19)	0.9	1.5	2.9		0096006			0096104
24 (7)	1.1	2.2	3.8	0097105				0097104
24 (19)	1.1	2.3	4	0098105	0098006			0098104
22 (7)	1.2	3.4	5.4	0099105	0099006	0099005	0099007	0099104
22 (19)	1.2	3.7	5.7	0100105		0100005		0100104
20 (7)	1.4	5.4	7.7	0101105	0101006			0101104
20 (19)	1.4	5.9	8.2	0102105	0102006	0102005	0102007	0102104
18 (7)	1.7	8.6	12					0103104
18 (19)	1.7	9.3	12	0104105	0104006	0104005	0104007	0104104
16 (19)	2.0	11.8	16	0105105	0105006	0105005	0105007	0105104
14 (19)	2.4	18.7	23	0106105	0106006	0106005		0106104
12 (19)	2.8	29.6	35	0107105	0107006	0107005		
10 (37)	3.4	45.6	51	0108105				0108104

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue 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.

Other colours are available upon request

Similar products

- ÖLFLEX® HEAT 205 SC refer to page 195

Accessories

- EASY STRIP stripping and cutting tool refer to page 1004
- KT 11 cable shears

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