

ÖLFLEX® HEAT 125 SC A






UL-single core; 0.34mm² - 120mm²; 0,6/1 kV; electron beam cross-linked polymer compound; -35°C - 125°C; fixed installation; ring packaging; different insulation colours

UL-single core
 0.34mm² - 120mm²
 0,6/1 kV
 electron beam cross-linked polymer compound
 -35°C - 125°C
 fixed installation
 ring packaging
 different insulation colours

Info

CPR: Article number choice under www.lappkabel.com/cpr



-  Flame-retardant
-  Halogen-free
-  Cold-resistant
-  Assembly time
-  Temperature-resistant

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

PN 0456 / 02_03.16

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UV-resistant

Benefits

For protection against personal injury and damage to property.

Electron beam cross-linked insulating material enables use at low and high temperatures (-50 °C to +125 °C)

Halogen free and highly flame retardant materials reduce the risk of flame propagation, high smoke density and toxic flue gases in the event of a fire

UL-/CSA-approval according to technical data allows use of the product in the North American area.

Application range

For universal use for wiring machine-internal and cross-plant control circuits.

Typical areas of application are heaters, switchgear, connection boxes, lighting, etc.

For fixed installation and occasional flexing without tensile strain.

For permanent installation on, in, and under plaster, in pipes, and in closed installation ducts.

The electron beam cross-linked polymer compound is highly resistant to oils, fuels, alkalis and acids

Product features

Fire behaviour:

- Flame-retardant (IEC 60332-1-2)
- Halogen-free (IEC 60754-1)
- No corrosive gases (IEC 60754-2)
- Low smoke density (IEC 61034-2)
- Low toxicity (EN 50305)

UV-resistant according to ISO 4892-2, method A, and ozone resistant acc. to EN 50396 resp. VDE 0473-396, method B

Norm references / Approvals

UL AWM Style 3271 and 3820

Product Make-up

Fine-wire, tinned-copper conductor

Electron beam cross-linked polyolefin copolymer insulation

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Conductor stranding:	Fine wire acc. to VDE 0295, class 5 / IEC 60228 class 5 from 0.5 mm ²
Minimum bending radius:	Fixed installation: 4 x outer diameter
Nominal voltage:	UL 600V and 1000V
Test voltage:	4000 V
Temperature range:	Fixed installation: -50 °C up to +125 °C UL: up to +125 °C max. conductor temp.

Note

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

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request.

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

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

Photographs and graphics 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.

ÖLFLEX® HEAT 125 SCA

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	m/ring	Core colour	Copper index (kg/km)	Weight (kg/km)
1249107	0.34	2.3	100	black	3.4	7
1249108	0.34	2.3	100	brown	3.4	7
1249109	0.34	2.3	100	blue	3.4	7
1249110	0.34	2.3	100	orange	3.4	7
1249112	0.34	2.3	100	violet	3.4	7
1249111	0.34	2.3	100	white	3.4	7
1249127	0.5	2.4	100	black	4.8	9
1249128	0.5	2.4	100	brown	4.8	9
1249129	0.5	2.4	100	blue	4.8	9
1249132	0.5	2.4	100	green/yellow	4.8	9
1249139	0.75	2.6	100	black	7.2	11
1249141	0.75	2.6	100	blue	7.2	11
1249142	0.75	2.6	100	dark blue	7.2	11
1249147	0.75	2.6	100	red	7.2	11
1249149	0.75	2.6	100	white	7.2	11
1249151	1	2.8	100	black	9.6	14
1249153	1	2.8	100	blue	9.6	14
1249154	1	2.8	100	dark blue	9.6	14
1249157	1	2.8	100	grey	9.6	14
1249159	1	2.8	100	red	9.6	14
1249161	1	2.8	100	white	9.6	14
1249163	1.5	3.1	100	black	14.4	18
1249164	1.5	3.1	100	brown	14.4	18
1249165	1.5	3.1	100	blue	14.4	18
1249166	1.5	3.1	100	dark blue	14.4	18
1249168	1.5	3.1	100	green/yellow	14.4	18
1249169	1.5	3.1	100	grey	14.4	18
1249171	1.5	3.1	100	red	14.4	18
1249173	1.5	3.1	100	white	14.4	18
1249175	2.5	3.5	100	black	24	28
1249176	2.5	3.5	100	brown	24	28
1249177	2.5	3.5	100	blue	24	28
1249180	2.5	3.5	100	green/yellow	24	28
1249181	2.5	3.5	100	grey	24	28

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	m/ring	Core colour	Copper index (kg/km)	Weight (kg/km)
1249183	2.5	3.5	100	red	24	28
1249187	4	4	100	black	38.4	41
1249190	4	4	100	green/yellow	38.4	41
1249191	4	4	100	grey	38.4	41
1249194	6	4.6	100	black	57.6	58
1249196	6	4.6	100	blue	57.6	58
1249197	6	4.6	100	green/yellow	57.6	58
1249199	6	4.6	100	red	57.6	58
1249201	10	6.3	100	black	96	105
1249204	10	6.3	100	green/yellow	96	105
1249205	10	6.3	100	red	96	105
1249207	16	7.9	100	black	153.6	165
1249209	16	7.9	100	blue	153.6	165
1249210	16	7.9	100	green/yellow	153.6	165
1249213	25	9.3	100	black	240	244
1249226	25	9.3	100	brown	240	244
1249215	25	9.3	100	green/yellow	240	244
1249218	35	10.6	100	black	336	339
1249220	50	13	100	black	480	500
1249222	70	14.9	100	black	672	686
1249223	95	16.8	100	black	912	902
1249224	120	18.4	100	black	1152	1173

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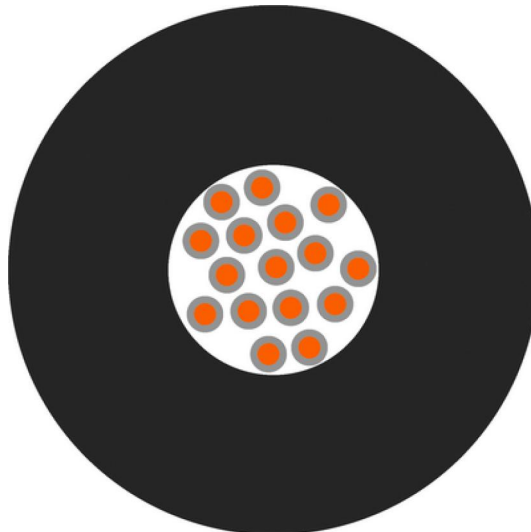
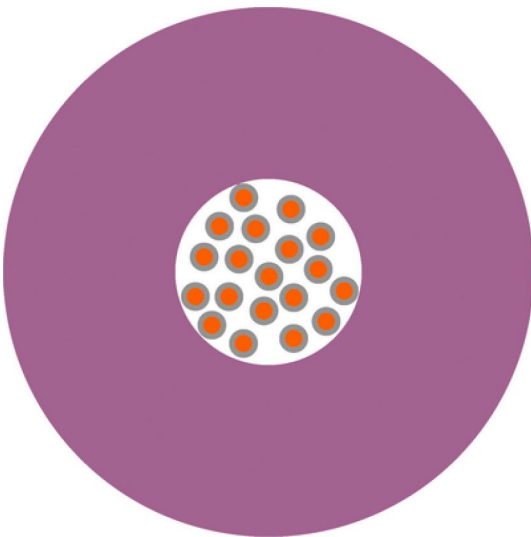
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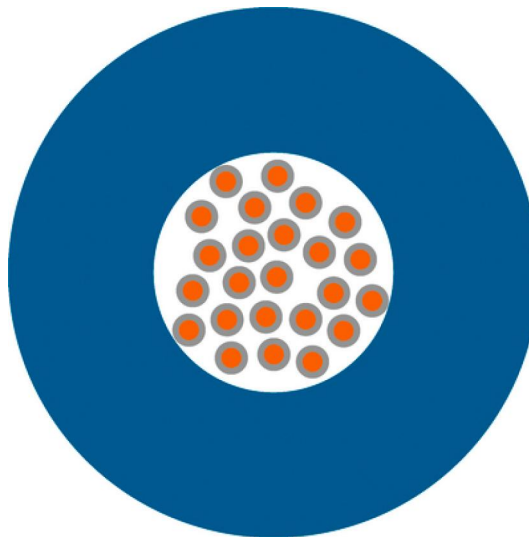
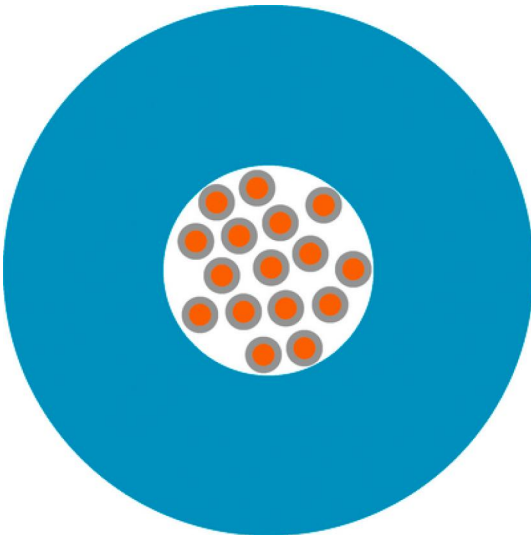
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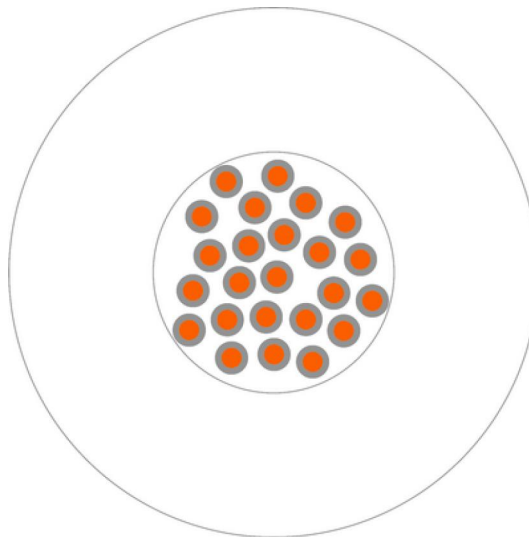
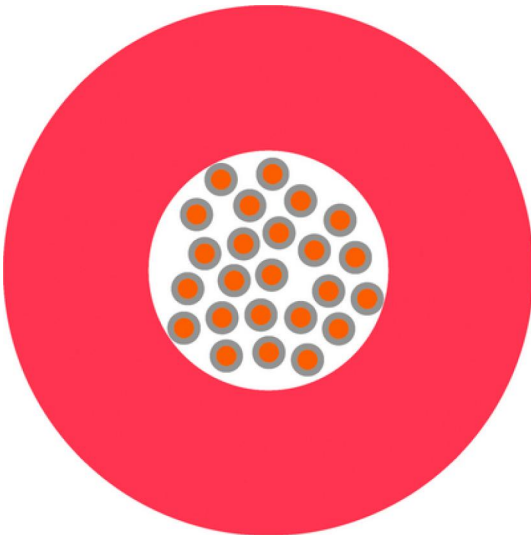
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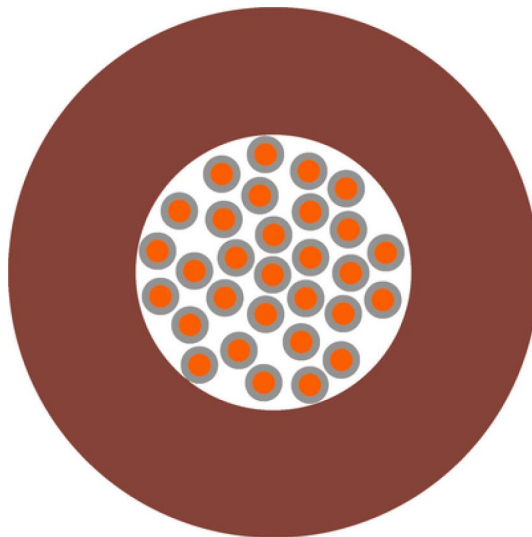
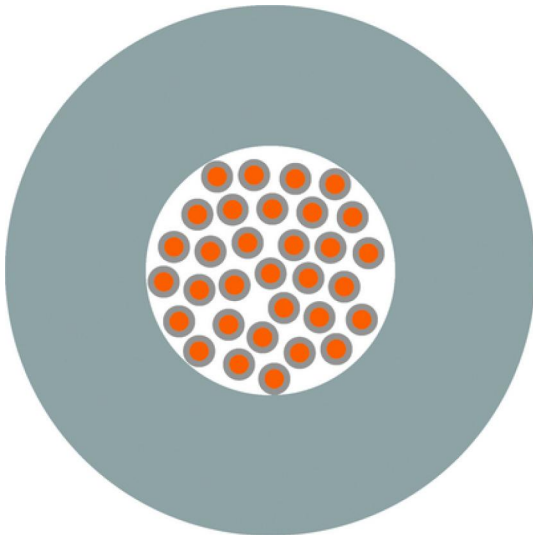
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