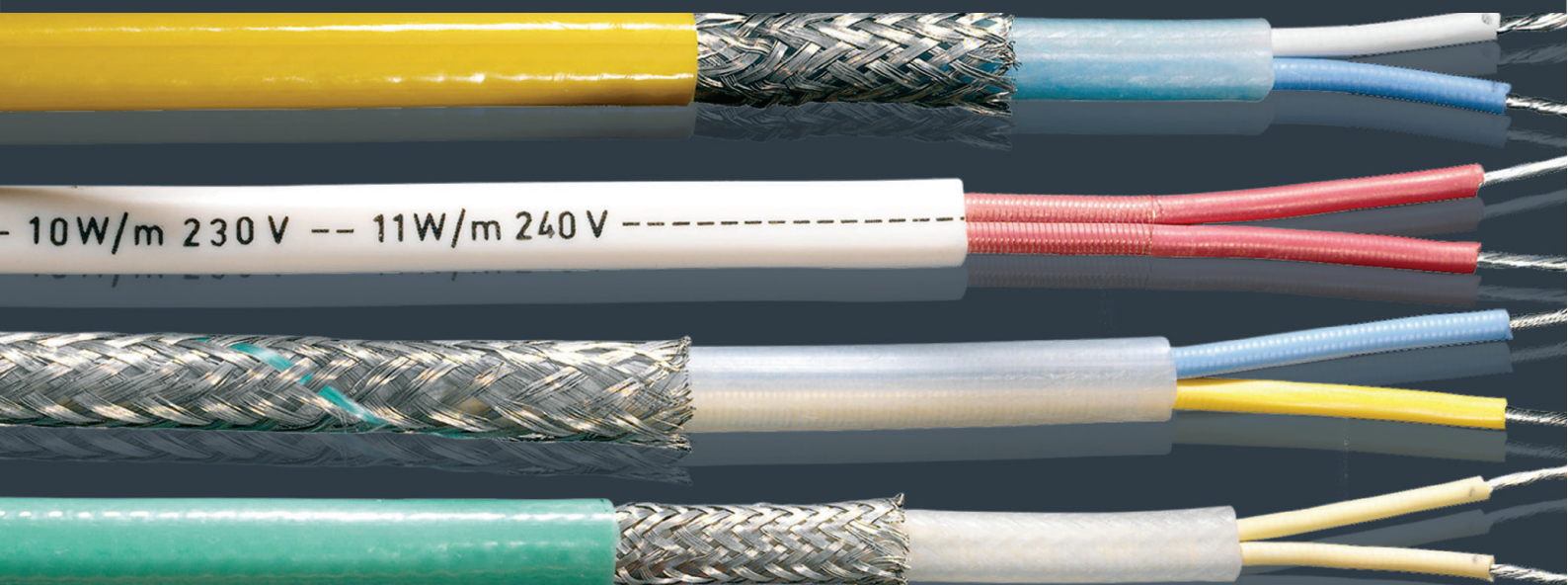


AKOCable

Heating Cable Solutions
® Electrical Tracing



HEATING CABLE TECHNOLOGIES

Series type heating cable

Parallel type heating cable The heating cable may be cut to size on site without changing its linear power.

Mineral insulation



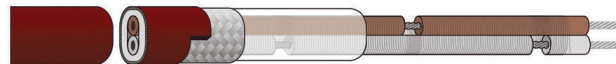
Used for high temperature maintenance and/or exposure

Fluoropolymer cover



Used in long tracing systems

Constant wattage



Self-regulating



Used in the majority of temperature maintenance applications

Constant wattage heating cable PVC insulation

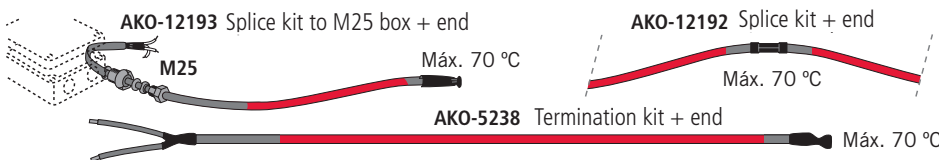


Exposure temperature up to 70 °C with PVC high temperature insulation.

PVC insulation. Copper conductors 2 x 1,5 mm². Nominal outer dimensions 7 x 9,5 mm. Suitable for low temperature applications.

Application: Construction and refrigeration

- Minimum bend radius at 20 mm to -15 °C
- Heating conductor element: Nickel - Chromium
- Distance between contacts: 1000 mm
- Maximum insulation temperature: 70 °C



Reference	Description	Family	Pack
AKO-5231	Heating cable 10 W/m to 230 V, PVC insulation	2110	100 m. (A)
AKO-1212	Heating cable 20 W/m to 230 V, PVC insulation	2110	100 m. (A)
AKO-12192	Splice kit + end	2190	1 Unit
AKO-12193	Splice kit to M25 box + end	2190	1 Unit
AKO-5238	Termination kit	2190	25 Units

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

Constant wattage heating cable silicone insulation



Exposure temperature up to 180 °C with silicone insulation

Suitable for avoiding ice in pipes and metal surfaces or for heating not exceeding 55 °C on them. It can be cut to size. They are commonly used in industrial or commercial refrigeration installations to avoid ice in the drain pipes, condensation on the surface, and in applications on metal surfaces not exceeding 55 °C.

Application: Refrigeration

- Minimum bend radius at 10 mm to -4 °C
- Heating conductor element: Nickel - Chromium
- Distance between contacts: 595 mm
- Maximum exposure temp. (disconnected): 180 °C
- Outer dimensions: 8 x 5 mm



Reference	Description	Family	Pack
AKO-5234	Heating cable 30 W/m at 230 V, silicone insulation	2110	150 m. (A)
AKO-52342	Heating cable 30 W/m at 120 V, silicone insulation	2110	150 m. (A)
AKO-52344	Heating cable 40 W/m at 230 V, silicone insulation	2110	150 m. (A)
AKO-52346	Heating cable 65 W/m at 230 V, silicone insulation	2110	75 m. (A)
AKO-52383	Kit for sealing connection termination + end	2190	25 Units

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

Constant wattage heating cable silicone insulation

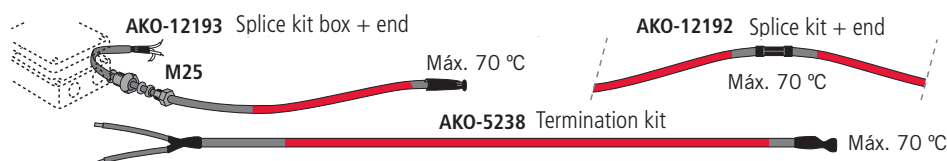


Exposure temperature up to 180 °C with silicone insulation

PVC insulation. Copper conductors 2 x 1,5 mm². Nominal outer dimensions 7 x 9,5 mm. Suitable for low temperature applications.

Application: Construction and refrigeration

- Minimum bend radius at 20 mm a -40 °C
- Heating conductor element: Nickel - Chromium
- Maximum circuit length 68 m
- Maximum exposure temperature (disconnected): 180 °C
- Distance between contacts: 500 mm



Reference	Description	Family	Pack
AKO-712545	Heating cable 50 W/m to 230 V, silicone insulation	2110	100 m. (A)
AKO-12192	Splice kit + end	2190	1 Unit
AKO-12193	Splice kit to M25 box + end	2190	1 Unit
AKO-5238	Termination kit	2190	25 Units

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

Constant wattage heating cable silicone insulation + metal braid



Exposure temperature up to 180 °C with metal protection braid.

A range with braid, giving mechanical and electrical protection by using it as an earth conductor. It can be cut to size. They are commonly used in industrial or commercial refrigeration installations to avoid ice in the drain pipes, condensation on the surface, and in applications on metal surfaces not exceeding 55 °C.

Application: Refrigeration

- Minimum bend radius at 10 mm to -40 °C
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 9 x 6 mm
- Maximum circuit length: 63 m
- Maximum operating temperature (connected): 85 °C
- Maximum exposure temperature (disconnected): 180 °C
- Distance between contacts: 595 mm



Reference	Description	Family	Pack
AKO-52341	Heating cable 30 W/m to 230 V, insulation + metal braid	2110	150 m.(A)
AKO-52383	Kit for sealing connection termination + end	2190	25 Units

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

Constant wattage heating cable silicone insulation + metal braid

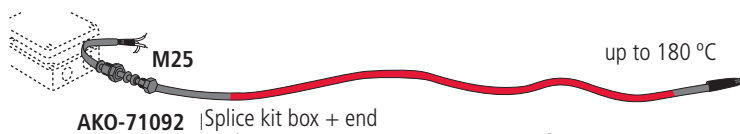


Exposure temperature up to 180 °C with metal protection braid

A range with braid, giving mechanical and electrical protection by using it as an earth conductor. It can be cut to size. They are usually used in heating to maintain the temperature of pipes, tanks, etc. in protection against freezing, maintaining process temperatures of up to 165 °C and especially in areas that are not corrosive or atmospheres classified as potentially explosive.

Application: Industry and construction

- Minimum bend radius at 20 mm a -40 °C
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 9,4 x 6,9 mm
- Maximum operating temp. (connected): up to 165 °C
- Maximum exposure temp. (disconnected): 180 °C



Reference	Description	Family	Pack
AKO-71010	Heating cable 10 W/m a 230 V, up to 165 °C	2110	100 m.(A)
AKO-71015	Heating cable 15 W/m a 230 V, up to 150 °C	2110	100 m.(A)
AKO-71025	Heating cable 25 W/m a 230 V, up to 115 °C	2110	100 m.(A)
AKO-71035	Heating cable 35 W/m a 230 V, up to 75 °C	2110	100 m.(A)
AKO-71050	Heating cable 50 W/m a 230 V, up to 25 °C	2110	100 m.(A)
AKO-71092	Kit for connection ends to M25 box + end sealing	2190	1 Unit

A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

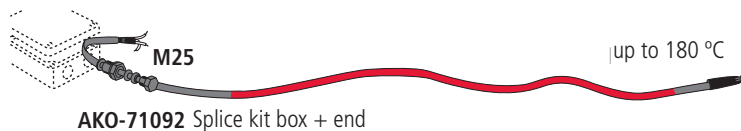
Constant wattage heating cable silicone insulation + metal braid



24/48V with metal protection braid

A range with braid, giving mechanical and electrical protection by using it as an earth conductor. It can be cut to size. They are usually used in heating to maintain the temperature of pipes, tanks, etc. in protection against freezing, maintaining process temperatures of up to 165 °C and especially in areas that are not corrosive or atmospheres classified as potentially explosive.

Application: Industry and construction.



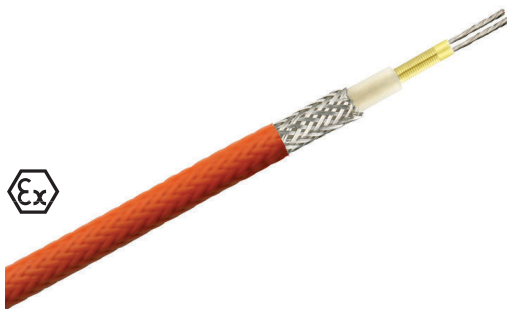
- Minimum bend radius at 20 mm a -25 °C
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 9.4 x 6.4 mm
- Maximum exposure temperature (disconnected): 180 °C
- Distance between contacts: 200 mm

Reference	Description	Family	Pack
AKO-5237*	Heating cable 40 W/m to 48 V, (10 W/m to 24 V)	2110	100 m. (A)
AKO-71092	Kit for connection ends to M25 box + end sealing	2190	1 Unit

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

*Available on request

Constant wattage heating cable Fluoropolymer covering

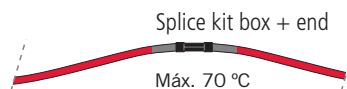


Exposure temperature up to 180 °C with fluoropolymer covering

Follow the AKO usage instructions. It can be cut to size. These are used to maintain the temperature and protection against ice in pipes, on roofs, terraces, ramps, stairs, drains, etc.

Application: Construction

- Minimum bend radius at 20 mm to -40 °C
- Heating conductor element Nickel - Chromium
- Outer dimensions: 9 x 6,5 mm
- Maximum operating temperature (connected) up to 155 °C
- Maximum exposure temperature (disconnected) 180 °C

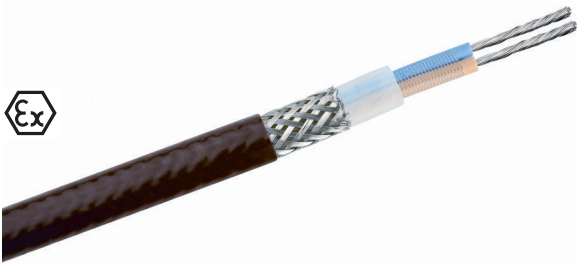


Reference	Description	Family	Pack
AKO-70115	Heating cable 15 W/m a 230 V, up to 155 °C	2110	100 m.(A)
AKO-70130	Heating cable 30 W/m a 230 V, up to 115 °C	2110	100 m.(A)
AKO-70140	Heating cable 40 W/m a 230 V, up to 84 °C	2110	50 m.(A)
AKO-70192	Splice kit + end, for cables embedded in concrete	2190	10 Units (B)
AKO-70194	Kit for connection ends to M25 box + end sealing	2190	5 Units

A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

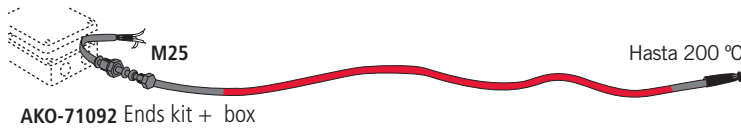
(B) Minimum, indivisible pack units.

Constant wattage heating cable Fluoropolymer covering



Exposure temperature up to 200 °C with fluoropolymer cover.
 Suitable for corrosive atmospheres and with risk of explosion, when following the AKO usage instructions. It can be cut to size. They are usually used in heating to maintain the temperature of pipes, tanks, etc. in protection against freezing, maintaining process temperatures up to 190 °C and especially in installations with highly corrosive atmospheres, in plastic pipes and tanks, and in areas classified as potentially explosive atmospheres.

Application: Industry



- Minimum bend radius at -40 °C: 20 mm
- Heating conductor element Nickel - Chromium
- Outer dimensions 10,3 x 7,4 mm
- Maximum operating temperature (connected): up to 190 °C
- Maximum exposure temperature (disconnected): 200 °C

Reference	Description	Family	Pack
AKO-71110	Heating cable 10 W/m a 230 V, up to 190 °C	2110	100 m.(A)
AKO-71120	Heating cable 20 W/m a 230 V, up to 168 °C	2110	100 m.(A)
AKO-71130	Heating cable 20 W/m a 230 V, up to 168 °C	2110	100 m.(A)
AKO-71135	Heating cable 35 W/m a 230 V, up to 132 °C	2110	100 m.(A)
AKO-71150	Heating cable 50 W/m a 230 V, up to 91 °C	2110	100 m.(A)
AKO-71092	Kit for connection ends to M25 box + end sealing	2190	1 Ud.

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

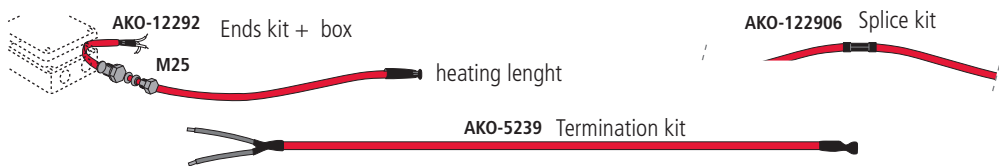
Self-regulating heating cable Polyolefin insulation



Exposure temperature up to 85 °C with braid for ground connection.
 Suitable for dry or damp atmospheres, but not corrosive. Area classification: ordinary. Maximum temperature for continuous exposure: 65 °C.

Application: Industry and refrigeration

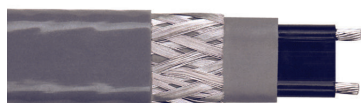
- Minimum bend radius at -20 °C: 30 mm
- Outer dimensions: 12 x 5 mm
- Maximum operating temperature (connected): 65 °C
- Maximum exposure temperature (disconnected): 85 °C



Reference	Description	Family	Pack
AKO-1221	Heating cable 25 W/m to 10 °C, 230 V (11 W/m, 40 °C)	2120	100 m. (A)
AKO-12292	Kit for connection ends to M25 box + end sealing	2190	1 Unit
AKO-122906	Splice kit	2190	1 Unit
AKO-5239	Termination kit	2190	25 Units

(A) The metres of packaged material are the standard ones; however, we reserve the right to supply in different lengths to those indicated.

Self-regulating heating cable Fluoropolymer covering



Exposure temperature up to 85 °C suitable for Ex zone

Adjust power output in line with the temperature in the pipe. It can be cut to size. Maximum temperature for continuous exposure: 65 °C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is NOT performed.

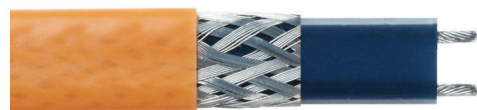
Application: Industry and refrigeration

- Minimum temperature installation –40 °C
- Minimum bend radius: 32 mm
- Maximum operating temperature (connected): 65 °C
- Maximum exposure temperature (disconnected): 85 °C



Reference	Description	Family	Pack
AKO-71212	Heating cable 9 W/m to 10 °C, 230 V (4 W/m, 40 °C)	2120	–
AKO-71214	Heating cable 15 W/m to 10 °C, 230 V (7 W/m, 40 °C)	2120	–
AKO-71216	Heating cable 25 W/m to 10 °C, 230 V (12 W/m, 40 °C)	2120	–
AKO-71218	Heating cable 32 W/m to 10 °C, 230 V (16 W/m, 40 °C)	2120	–
AKO-71219	Heating cable 48 W/m to 10 °C, 230 V (22 W/m, 40 °C)	2120	–
AKO-71281	Termination kit for AKO-71219 heating cables	2190	1 Unit
AKO-71282	Termination kit for heating cables	2190	1 Unit
AKO-71285	Glands for connecting heating cables	2190	1 Unit
AKO-71287	Glands for connecting AKO-71219 heating cables	2190	1 Unit

Self-regulating heating cable Fluoropolymer insulation and covering



Exposure temperature up to 121 °C suitable for Ex zone.

Adjust power output in line with the temperature in the pipe. It can be cut to size. Maximum temperature for continuous exposure: 121 °C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is performed.

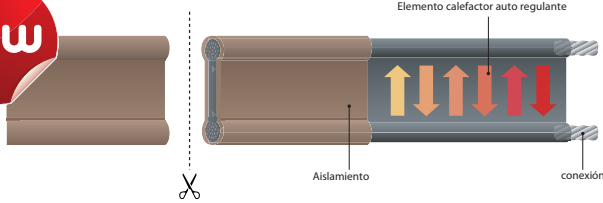
Application: Industry

- Minimum installation temperature –40 °C
- Minimum bend radius: 32 mm
- Maximum operating temperature (connected): 121 °C
- Maximum exposure temperature (disconnected): 121 °C



Reference	Description	Family	Pack
AKO-71241	Heating cable 14 W/m to 10 °C, 230 V (5 W/m, 100 °C)	2120	–
AKO-71243	Heating cable 30 W/m to 10 °C, 230 V (11 W/m, 100 °C)	2120	–
AKO-71245	Heating cable 48 W/m to 10 °C, 230 V (24 W/m, 100 °C)	2120	–
AKO-71248	Heating cable 64 W/m to 10 °C, 230 V (40 W/m, 100 °C)	2120	–
AKO-71282	Termination kit for heating cables	2190	1 Unit
AKO-71286	Glands for connecting heating cables M25	2190	1 Unit

Self-regulating parallel cable thermoplastic insulation



Exposure temperature up to 85 °C as copper conductor and thermoplastic insulator

The AKO self-regulating heating cable is designed for its use in domestic and industrial applications. Heating circuits should always be protected by a combined overcurrent / earthing differential device with a sensitivity of 30 mA.

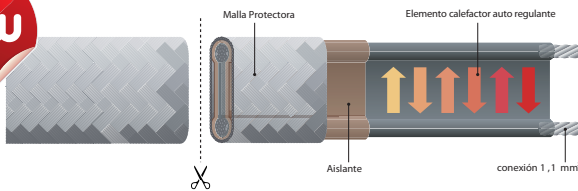
Application: Industry, construction and refrigeration

- AKO-1232:
Dimensions: 10.9 x 3.8 mm
Maximum distance 0 °C (16 A): 198 m
Cut section: 0.5 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator
- AKO-1234:
Dimensions: 10.9 x 3.8 mm
Maximum distance 0 °C (16 A): 154 m
Cut section: 0.5 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator

- AKO-1236:
Dimensions: 10.9 x 3.8 mm
Maximum distance 0 °C (16 A): 124 m
Cut section: 1.1 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator
- AKO-1238:
Dimensions: 10.9 x 3.8 mm
Maximum distance 0 °C (16 A): 110 m
Cut section: 1.1 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator

Reference	Description	Family	Pack
AKO-1232	Heating cable 10 W/m a 10 °C, 230 V	120	50 m.
AKO-1234	Heating cable 17 W/m a 10 °C, 230 V	120	50 m.
AKO-1236	Heating cable 25 W/m a 10 °C, 230 V	120	50 m.
AKO-1238	Heating cable 31 W/m a 10 °C, 230 V	120	50 m.
AKO-1246	Heating cable 20 W/m a 10 °C, 230 V	120	50 m.

Self-regulating parallel cable mesh + thermoplastic insulation



Exposure temperature up to 85 °C as copper conductor and thermoplastic insulator

AKO self-regulating heating cables are adequate for protection against frost and temperature maintenance up to 65 °C.

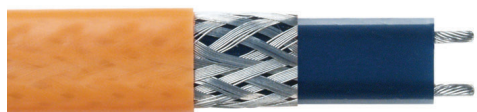
Application: Industry, construction and refrigeration

- AKO-1222:
Dimensions: 5 x 8 mm
Maximum distance 0 °C: 198 m
Cut section: 0.55 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator
- AKO-1224:
Dimensions: 5 x 8 mm
Maximum distance 0 °C: 154 m
Cut section: 0.55 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator

- AKO-1228:
Dimensions: 5 x 8 mm
Maximum distance 0 °C: 110 m
Cut section: 1.1 mm²
Characteristics: Max temp 85 °C,
copper conductor, thermoplastic insulator

Reference	Description	Family	Pack
AKO-1222	Heating cable 10 W/m a 10 °C, 120 V	120	50 m.
AKO-1224	Heating cable 17 W/m a 10 °C, 120 V	120	50 m.
AKO-1228	Heating cable 31 W/m a 10 °C, 120 V	120	50 m.

Self-regulating heating cable Fluoropolymer insulation and covering



Exposure temperature up to 250 °C suitable for Ex zone.

Adjust power output in line with the temperature in the pipe. It can be cut to size. Maximum temperature for continuous exposure: 121 °C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is performed.

Application: Industry

- Minimum installation temperature: -60 °C
- Minimum bend radius: 32 mm
- Maximum operating temperature (connected): 121 °C
- Maximum exposure temperature (disconnected): 205 °C
- Maximum exposure temperature (intermittent): 250 °C



Reference	Description	Family	Pack
AKO-71250	Heating cable 9 W/m to 10 °C, 230 V (3 W/m, 100 °C)	2120	–
AKO-71251	Heating cable 18 W/m to 10 °C, 230 V (6 W/m, 100 °C)	2120	–
AKO-71252	Heating cable 27 W/m to 10 °C, 230 V (11 W/m, 100 °C)	2120	–
AKO-71253	Heating cable 37 W/m to 10 °C, 230 V (16 W/m, 100 °C)	2120	–
AKO-71255	Heating cable 48 W/m to 10 °C, 230 V (24 W/m, 100 °C)	2120	–
AKO-71258	Heating cable 64 W/m to 10 °C, 230 V (40 W/m, 100 °C)	2120	–
AKO-71282	Termination kit for heating cables	2190	1 Unit
AKO-71286	Glands for connecting heating cables M25	2190	1 Unit

Self-regulating heating cable Fluoropolymer insulation and covering



Up to 250 °C, suitable for Ex zone.

Adjust power output in line with the temperature in the pipe. It can be cut to size. Maximum temperature for continuous exposure: 150 °C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is performed.

Application: Industry

- Minimum installation temperature: -60 °C
- Minimum bend radius: 32 mm
- Maximum operating temperature (connected): 150 °C
- Maximum exposure temperature (disconnected): 200 °C
- Maximum exposure temperature (intermittent): 250 °C



Reference	Description	Family	Pack
AKO-71261	Heating cable 15 W/m to 10 °C, 230 V (5 W/m, 120 °C)	2120	–
AKO-71263	Heating cable 32 W/m to 10 °C, 230 V (10 W/m, 120 °C)	2120	–
AKO-71265	Heating cable 48 W/m to 10 °C, 230 V (18 W/m, 120 °C)	2120	–
AKO-71267	Heating cable 64 W/m to 10 °C, 230 V (25 W/m, 120 °C)	2120	–
AKO-71281	Termination kit for heating cables	2190	1 Unit
AKO-71287	Glands for connecting heating cables	2190	1 Unit

Self-regulating heating cable Fluoropolymer insulation and covering



Exposure temperature up to 260 °C in glass fiber and fluoropolymer covering

Adjust power output in line with the temperature in the pipe. It can be cut to size. Maximum temperature for continuous exposure: 150 °C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is performed.

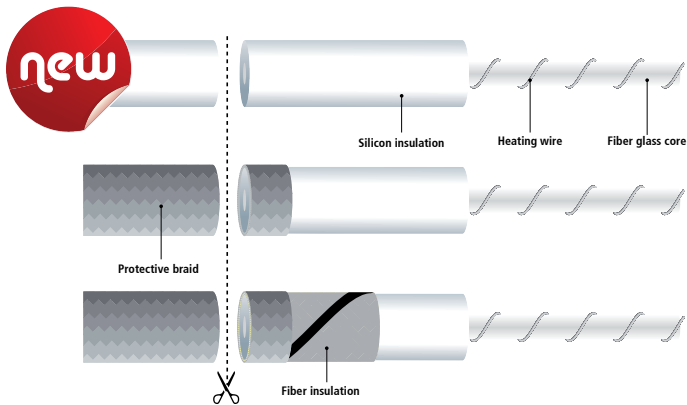
Application: Industry and refrigeration

- Minimum installation temperature: -60 °C
- Minimum bend radius: 57 mm
- Maximum operating temperature (connected): 150 °C
- Maximum exposure temperature (disconnected): 260 °C



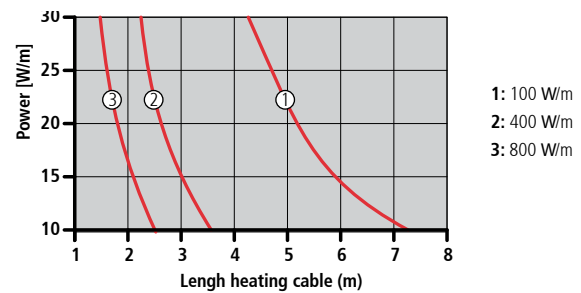
Reference	Description	Family	Pack
AKO-71270	Heating cable 14 W/m to 10 °C, 230 V (10 W/m, 120 °C)	2120	–
AKO-71271	Heating cable 28 W/m to 10 °C, 230 V (18 W/m, 120 °C)	2120	–
AKO-71275	Heating cable 42 W/m to 10 °C, 230 V (28 W/m, 120 °C)	2120	–
AKO-71279	Heating cable 57 W/m to 10 °C, 230 V (38 W/m, 120 °C)	2120	–
AKO-71283	Termination kit for heating cables. Exp. up to 200 °C	2190	1 Unit
AKO-71286	Glands for connecting heating cables M25	2190	1 Unit

Series cable silicone insulation

**A Heating cable with silicone insulation**

They are apt for protection against frost and temperature maintenance in the refrigeration industry. Particularly suitable for domestic electricity, protection against frost in machines of the cold storage industry and the refrigeration industry.

Application: Industry and refrigeration

B**C**

1: 100 W/m
2: 400 W/m
3: 800 W/m

Semi-rigid silicone range

Reference	Description	Family	Pack
AKO-71331	Heating cable 3,5 m length , 1,5 m heating area, 75 W, 230 V, 180 °C	120	10 Uds.
AKO-71332	Heating cable 4 m length , 2 m heating area, 100 W, 230 V, 180 °C	120	10 Uds.
AKO-71333	Heating cable 5 m length , 3 m heating area, 150 W, 230 V, 180 °C	120	10 Uds.
AKO-71334	Heating cable 6 m length , 4 m heating area, 200 W, 230 V, 180 °C	120	10 Uds.
AKO-71335	Heating cable 7 m length , 5 m heating area, 250 W, 230 V, 180 °C	120	10 Uds.
AKO-71336	Heating cable 8 m length , 6 m heating area, 300 W, 230 V, 180 °C	120	10 Uds.

Flexible silicone range

Reference	Description	Family	Pack
AKO-71370	Heating cable 3,5 m length , 1 m heating area, 50 W, 230 V, 200 °C	120	10 Uds.
AKO-71371	Heating cable 2,3 m length , 1,3 m heating area 65 W, 230 V, 200 °C	120	10 Uds.
AKO-71372	Heating cable 2,5 m length , 1,5 m heating area 75 W, 230 V, 200 °C	120	10 Uds.
AKO-71373	Heating cable 3 m length , 2 m heating area 100 W, 230 V, 200 °C	120	10 Uds.
AKO-71374	Heating cable 4 m length , 3 m heating area 150 W, 230 V, 200 °C	120	10 Uds.
AKO-71375	Heating cable 5 m length , 4 m heating area 200 W, 230 V, 200 °C	120	10 Uds.
AKO-71376	Heating cable 6 m length , 5 m heating area 250 W, 230 V, 200 °C	120	10 Uds.
AKO-71377	Heating cable 7 m length , 6 m heating area 250 W, 300 V, 200 °C	120	10 Uds.
AKO-71378	Heating cable 8 m length , 7 m heating area 300 W, 230 V, 200 °C	120	10 Uds.
AKO-71379	Heating cable 9 m length , 8 m heating area 3000 W, 230 V, 200 °C	120	10 Uds.

Series cable Quartz fiber insulation

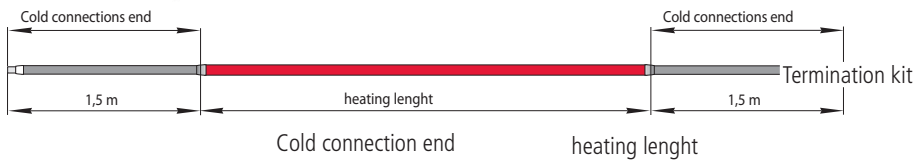


Exposure temperature up to 900 °C with quartz fiber insulation.

Quartz fiber insulation. Very flexible to adapt it to very small pipes. Installation in dry places with no risk of humidity. These kinds of heating cables are suitable for heating pipes and surfaces up to a maximum temperature of 800 °C.

Application: Industry

- Minimum bend radius at -20 °C: 10 mm
- Cold ends of 1,5 m
- Maximum operating temperature (connected): 800 °C
- Maximum exposure temperature (disconnected): 900 °C



Reference	Description	Family	Pack
AKO-71321	Heating cable 1 m long, 170 W, 230 V, up to 800 °C	2130	1 Unit
AKO-71323	Heating cable 3 m long, 500 W, 230 V, up to 800 °C	2130	1 Unit
AKO-71325	Heating cable 5 m long, 800 W, 230 V, up to 800 °C	2130	1 Unit

Series cable Mineral insulation

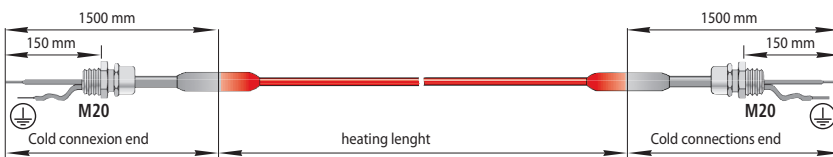


Exposure temperature up to 600° C with mineral insulation

Magnesium oxide insulation. Stainless steel exterior covers. Sufficient flexibility to adapt it to surfaces. These kinds of cables are used to heat pipes, tanks, hoppers and other processing equipment up to 500 °C and in cases where cables must withstand up to 600 °C with the cables disconnected.

Application: Industry

- Minimum bend radius at -20 °C: 32 mm
- Stainless steel exterior cover
- Cold terminations of 1,5 m
- Heating elements of 12 and 20 m
- Max. exposure (offline) 600 ° CC



Reference	Description	Family	Pack
AKO-71301A	Heating cable 12 m long, 440 W, 230 V, up to 514 °C	2130	1 Unit
AKO-71302A	Heating cable 20 m long, 1537 W, 230 V, up to 420 °C	2130	1 Unit

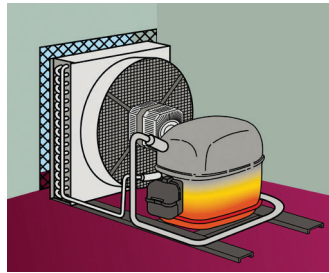
Heating resistances Refrigeration compressors



Universal resistance for hermetic compressors

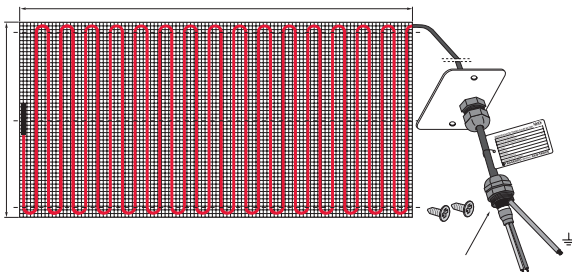
Heating resistances for refrigerator compressors. They prevent the coolant absorbing oil and are suitable for any type of compressor in a cylindrical or oval shape, boiler or tank.

Application: Industrial



Reference	Description	Family	Pack
AKO-71863	Compressor heating cable res 35 W, 120 mm Ømin x 175 mm Ømax.	2150	1 Unit
AKO-71864	Compressor heating cable res 45 W, 150 mm Ømin x 280 mm Ømax.	2150	1 Unit
AKO-71866	Compressor heating cable res 65 W, 220 mm Ømin x 320 mm Ømax.	2150	1 Unit
AKO-71867	Compressor heating cable res 75 W, 245 mm Ømin x 370 mm Ømax.	2150	1 Unit

Heaters Heating panels

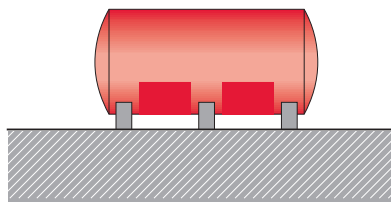


Exposure temperature up to 185 °C, flexible for heating tanks and surfaces

Power outputs of 375 W and 875 W. Installed on galvanized metal fabric. They are used to maintain the temperature in horizontal tanks.

Application: Industry

- Nominal dimensions 800 x 1620 mm
- Maximum exposure temperature (connected) up to 185 °C
- Maximum exposure temperature (disconnected) up to 200 °C
- Heating cable AKO-71115 and AKO-71135



Reference	Description	Family	Pack
AKO-71515	Panel 0,8 x 1,62 m, 375 W, 230 V, up to 185 °C	2150	1 Unit
AKO-71535	Panel 0,8 x 1,62 m, 875 W, 230 V, up to 132 °C	2150	1 Unit

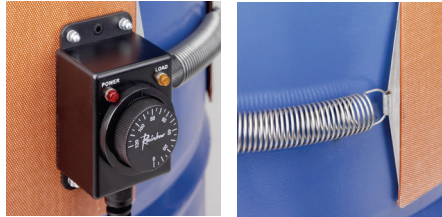
Heaters Heating bands with thermostat



Flexible pipes for heating metal drums.

For standard metal drums from 25 to 200 L. Powers from 300 W to 1000 W. Easy to fix the drum. They are usually used to melt solids, liquefy viscous materials and maintain the temperature of contained products.

Application: Industry



- Power supply cable 2 m
- Heating uniformly spread
- Silicone insulation with glass fiber

Reference	Description	Family	Pack
AKO-80034T	Band 1000 W, 230 V, for 200 l drums	2150	2 Units
AKO-80035T	Band 800 W, 230 V, for 105 l drums	2150	1 Unit
AKO-80036T	Band 500 W, 230 V, for 50 l drums	2150	1 Unit
AKO-80037T	Band 300 W, 230 V, for 25 l drums	2150	1 Unit
AKO-80038T	Band 1500 W, 230 V, for 200 l drums	2150	1 Unit

Heaters Heater Jacket



Container heaters to 1000 L square tanks

This heater jacket has quick release adjustable buckles for ease of installation and removal and is designed with upper and lower heat zones, each with separate thermostatic control. This allows for the upper heating zone to be switched off once the content level has fallen below half way.

Application: Industry

- Power supply cable 2 x 2,5 m
- Two circuits each 1000 W to 230 V
- Temp. Control from 0 to 90 °C
- Top cap included

Reference	Description	Family	Pack
AKO-80041	Container heater to 1000 l square tanks, 2 x 1000 W, 230 V	2150	1 Unit

Heaters Drum heaters



AKO-718520

For products highly sensitive to temperature in a safe area

Carbon steel diffuser, thermal insulation of 40 mm of glass fiber. They have guides that allow them to be stacked to achieve the required height. Gentle product heating. They are used to melt solids and liquefy viscous materials or materials that are problematic due to their sensitivity to heat, such as greases, glucose, honey, tar, paints, varnishes, phenols, waxes, etc.

Application: Industry



AKO-718510

- Power cable: 3 m de 3 x 2,5 mm²
- Power up to 3.120 W per drum
- Outer diameter: 750 mm
- Inner diameter: 620 mm
- Height: 440 mm

Reference	Description	Family	Pack
AKO-718510	Base heater 720 W, 230 V	2150	1 Unit
AKO-718520	Ring heater 1.200 W, 230 V	2150	1 Unit

Heaters Drum heaters




For products highly sensitive to temperature in the Ex area.

Carbon steel diffuser, thermal insulation of 40 mm of glass fiber. They have guides that allow them to be stacked to achieve the required height. Gentle product heating. They are used to melt solids and liquefy viscous materials or materials that are problematic due to their sensitivity to heat, such as greases, glucose, honey, tar, paints, varnishes, phenols, waxes, etc.

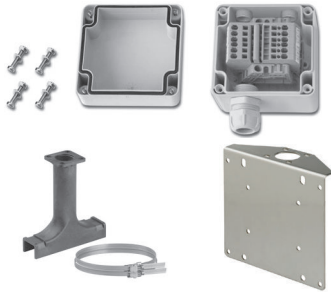
Application: Industry



- Power cable: 3 m de 3 x 2,5 mm²
- Power up to 2.200 W per drum
- Outer diameter: 750 mm
- Inner diameter: 620 mm
- Height: 440 mm

Reference	Description	Family	Pack
AKO-718720	Ring heater 1100 W, to 10 °C with self-regul. cable	2150	1 Unit 

Accessories



Junction boxes, fixing supports and protectors for crossing lagging.

Plastic boxes very resistant to corrosion and suitable for outdoor installation. Stainless steel support for fixing to boxes. Kits for crossing lagging, used to prevent the heating cables from being damaged.

Application: Industry, construction and refrigeration

Reference	Description	Family	Pack
AKO-71613	Junction box with 1 M20 input and 2 M12, for probes	2190	1 Unit
AKO-71611	Junction box with 4 M25 inputs, ordinary area	2190	1 Unit
AKO-71617	Junction box with 4 M25 inputs, Ex area	2190	1 Unit
AKO-71620	Cable protector in pipe lagging	2190	5 Unit
AKO-71625	Support for fixing boxes to the AKO-71620 protector	2190	5 Unit
AKO-71628	Protector for heating cables in sharp edges	2190	20 Units (B)
AKO-71629	Cable protector in tank lagging	2190	1 Unit
AKO-717425	Support for fixing boxes and controllers	2190	1 Unit
AKO-1901	Set screw + accom. for clamps	4900	50 Units (B)
AKO-1903	Stainless steel tape to truss clamp	4900	30 m (B)

(B) Minimum, indivisible pack units.



Thermostats and accessories for installing heating cables

A range of accessories for sealing, fixing, signalling and identifying heating cables makes their installation easy on pipes, tanks and surfaces in general.

Application: Industry and construction

Reference	Description	Family	Pack
AKO-712699	Tube of high temperature sealing silicone 75 ml	2190	5 Units
AKO-71630	Support for heating cable in vertical tanks	2190	1 Unit
AKO-71635	Installation support for heating cables on roofs and gutters	2190	10 Units (B)
AKO-71666	Self-vulcanising sealing tape 9,15 x 19 mm	2190	10 Units
AKO-717440	50 m roll of aluminium adhesive tape	2190	1 Unit
AKO-717441	33 m roll of glass fiber adhesive tape	2190	5 Units
AKO-717445	Set of 5 AKO-TRACE signalling labels	2190	1 Unit
AKO-71751	Set of 5 heating section identification labels	2190	1 Unit

(B) Minimum, indivisible pack units.



With hot-weld glue for humidity-proof seals .They are used to seal and protect cable splices from humidity.

- Retracts up to 33% of its original size
- Contraction temperatures >125 °C
- Operating temperature from -30 °C to +80 °C
- Flexible modified polyolefin material black with interior hot-weld glue

Reference	Description	Family	Pack
AKO-52401	Heat shrinkable sleeve diameter 12/4 mm, length 1.2 m	2190	1 Unit
AKO-52402	Heat shrinkable sleeve diameter 12/4 mm, length 50 mm	2190	100 /25 Units (B)
AKO-52403	Heat shrinkable sleeve diameter 6/2 mm, length 1.2 m	2190	1 Unit
AKO-52404	Heat shrinkable sleeve diameter 6/2 mm, length 75 mm	2190	100 /25 Units (B)

(B) Minimum, indivisible pack units.