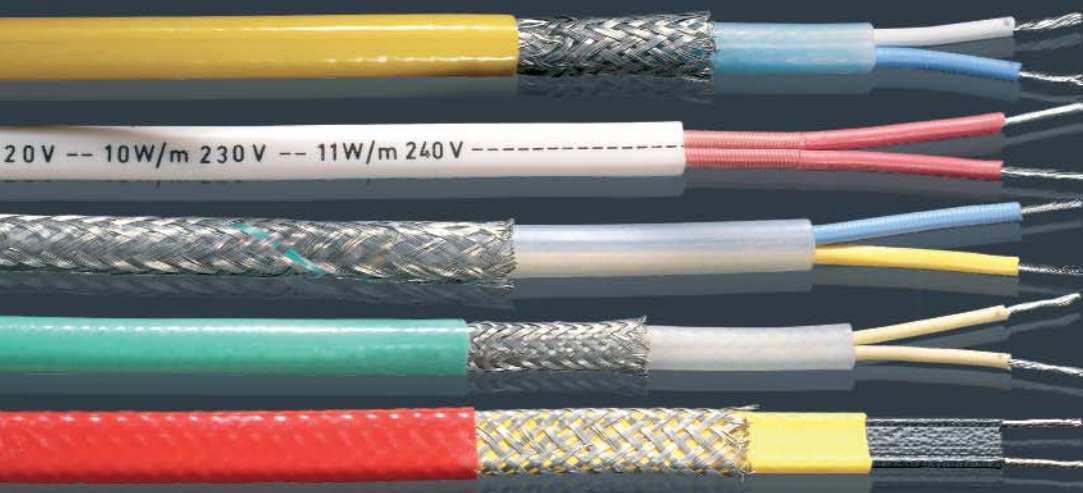


AKOCABLE

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

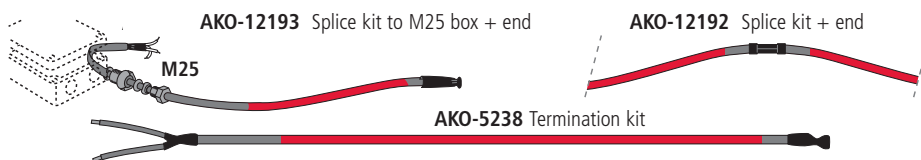


Up to 70°C with PVC high temperature insulation.

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



Reference	Description	Family	Pack
AKO-5231	Heating cable 10W/m to 230V, PVC insulation	2110	100 m. (A)
AKO-1212	Heating cable 20W/m to 230V, 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 silicon insulation

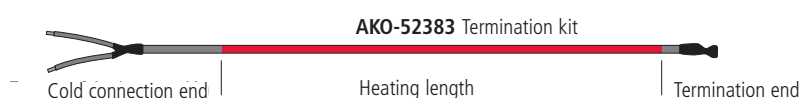


Up to 70°C with silicone insulation.

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 -25°C: 20 mm
- Heating conductor element: Nickel - Chromium
- Distance between contacts: 1000 mm
- Maximum circuit length: 60 m
- Maximum operating temp. (connected): 55°C
- Maximum exposure temp. (disconnected): 70°C



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

* Available on request

(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 silicon insulation

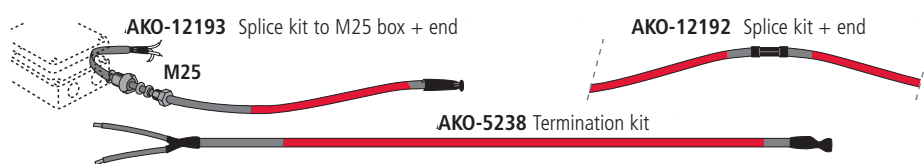


Up to 180°C with silicone insulation.

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 -25°C: 20 mm
- Heating conductor element: Nickel - Chromium
- Distance between contacts: 1000 mm
- Maximum circuit length: 70 m
- Maximum exposure temperature (disconnected): 70°C



Reference	Description	Family	Pack
AKO-712545	Heating cable 50W/m to 230V, 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

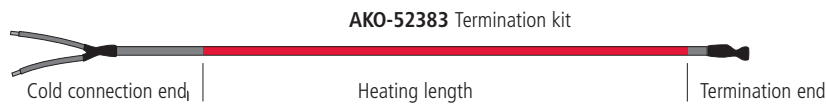


Up to 70°C with metal protection braid.

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 -25°C: 20 mm
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 8.2 x 5.7 mm
- Maximum circuit length: 60 m
- Maximum operating temperature (connected): 55°C
- Maximum exposure temperature (disconnected): 70°C



Reference	Description	Family	Pack
AKO-52341	Heating cable 30W/m to 230V, 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



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 -40°C: 20 mm
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 6.9 x 9.4 mm
- Maximum operating temp. (connected): up to 165°C
- Maximum exposure temp. (disconnected): 180°C



Reference	Description	Family	Pack
AKO-71010	Heating cable 10W/m to 230V	2110	100 m. (A)
AKO-71015	Heating cable 15W/m to 230V	2110	100 m. (A)
AKO-71020	Heating cable 20W/m to 230V	2110	100 m. (A)
AKO-71025	Heating cable 25W/m to 230V	2110	100 m. (A)
AKO-71030	Heating cable 30W/m to 230V	2110	100 m. (A)
AKO-71035	Heating cable 35W/m to 230V	2110	100 m. (A)
AKO-71050	Heating cable 50W/m to 230V	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 -25°C: 20 mm
- Heating conductor element: Nickel - Chromium
- Outer dimensions: 7 x 9.5 mm
- Maximum operating temperature (connected): 55°C
- Maximum exposure temperature (disconnected): 180°C



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

* Available on request

(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 Fluoropolymer covering

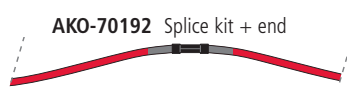
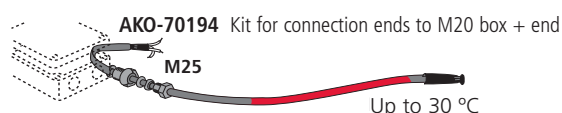


Up to 30°C with fluoropolymer cover

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 -40°C: 20 mm
- Heating conductor element Nickel - Chromium
- Outer dimensions 6.5 x 9 mm
- Maximum operating temperature (connected) up to 30°C
- Maximum exposure temperature (disconnected) 180°C



Reference	Description	Family	Pack
AKO-70115	Heating cable 15W/m to 230V	2110	100 m. (A)
AKO-70130	Heating cable 30W/m to 230V	2110	100 m. (A)
AKO-70140	Heating cable 40W/m to 230V	2110	50 m.
AKO-70192	Splice kit + end, for cables embedded in concrete	2190	10 Units
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



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



AKO-71092 Kit for connection ends to M25 box + end sealing

- Minimum bend radius at -40°C: 20 mm
- Heating conductor element Nickel - Chromium
- Outer dimensions 7.2 x 10.2 mm
- Maximum operating temperature (connected): up to 190°C
- Maximum exposure temperature (disconnected): 200°C

Reference	Description	Family	Pack
AKO-71110	Heating cable 10W/m to 230V	2110	100 m. (A)
AKO-71115	Heating cable 15W/m to 230V	2110	100 m. (A)
AKO-71120	Heating cable 20W/m to 230V	2110	100 m. (A)
AKO-71125	Heating cable 25W/m to 230V	2110	100 m. (A)
AKO-71130	Heating cable 30W/m to 230V	2110	100 m. (A)
AKO-71135	Heating cable 35W/m to 230V	2110	100 m. (A)
AKO-71150	Heating cable 50W/m to 230V	2110	100 m. (A) *
AKO-71092	Kit for connection ends to M25 box + end sealing	2190	1 Unit

* Available on request

(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



Up to 85°C with braid for ground connection.

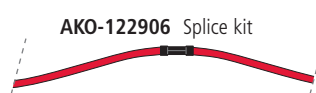
Suitable for dry or damp atmospheres, but not corrosive. Area classification: ordinary. Maximum temperature for continuous exposure: 65°C.

Application: Industry and refrigeration

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



AKO-12292 Kit for connection ends to M25 box + end sealing



AKO-122906 Splice kit



AKO-5239 Termination kit

Reference	Description	Family	Pack
AKO-1221	Heating cable 25W/m to 10°C, 230V (11W/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



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 installation temperature: -60°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 9W/m to 10°C, 230V (4W/m, 40°C)	2120	-
AKO-71214	Heating cable 15W/m to 10°C, 230V (7W/m, 40°C)	2120	-
AKO-71216	Heating cable 25W/m to 10°C, 230V (12W/m, 40°C)	2120	-
AKO-71218	Heating cable 32W/m to 10°C, 230V (17W/m, 40°C)	2120	-
AKO-71219	Heating cable 48W/m to 10°C, 230V (22W/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



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: Industrial

- 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-71241	Heating cable 14W/m to 10°C, 230V (5W/m, 100°C)	2120	-
AKO-71243	Heating cable 30W/m to 10°C, 230V (11W/m, 100°C)	2120	-
AKO-71245	Heating cable 48W/m to 10°C, 230V (24W/m, 100°C)	2120	-
AKO-71248	Heating cable 64W/m to 10°C, 230V (28W/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: 121°C. For electric heating of pipes and tanks, in maintaining temperatures when steam cleaning is performed.

Application: Industrial

- 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 9W/m to 10°C, 230V (3W/m, 100°C)	2120	–
AKO-71251	Heating cable 18W/m to 10°C, 230V (6W/m, 100°C)	2120	–
AKO-71252	Heating cable 27W/m to 10°C, 230V (11W/m, 100°C)	2120	–
AKO-71253	Heating cable 37W/m to 10°C, 230V (16W/m, 100°C)	2120	–
AKO-71255	Heating cable 48W/m to 10°C, 230V (24W/m, 100°C)	2120	–
AKO-71258	Heating cable 64W/m to 10°C, 230V (40W/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: Industrial

- Minimum installation temperature: -60°C
- Minimum bend radius: 32 mm
- Maximum operating temperature (connected): 150°C
- Maximum exposure temperature (disconnected): 204°C
- Maximum exposure temperature (intermittent): 250°C



Reference	Description	Family	Pack
AKO-71261	Heating cable 15W/m to 10°C, 230V (5W/m, 120°C)	2120	–
AKO-71263	Heating cable 32W/m to 10°C, 230V (10W/m, 120°C)	2120	–
AKO-71265	Heating cable 48W/m to 10°C, 230V (18W/m, 120°C)	2120	–
AKO-71267	Heating cable 64W/m to 10°C, 230V (25W/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



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: 149°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): 149°C
- Maximum exposure temperature (disconnected): 260°C



Reference	Description	Family	Pack
AKO-71270	Heating cable 14W/m to 10°C, 230V (10W/m, 120°C)	2120	–
AKO-71271	Heating cable 28W/m to 10°C, 230V (18W/m, 120°C)	2120	–
AKO-71275	Heating cable 42W/m to 10°C, 230V (28W/m, 120°C)	2120	–
AKO-71279	Heating cable 57W/m to 10°C, 230V (38W/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 Mineral insulation

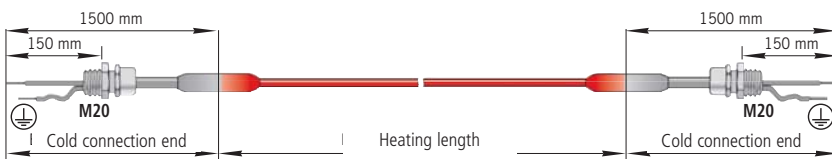


Up to 500°C with mineral insulation.

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 530 °C and in cases where cables must withstand up to 600 °C with the cables disconnected.

Application: Industrial

- 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



Reference	Description	Family	Pack
AKO-71301A	Heating cable 12 m long, 440W, 230V, up to 530°C	2130	1 Unit
AKO-71302A	Heating cable 20 m long, 1537W, 230V, up to 480°C	2130	1 Unit

Series cable Quartz fiber insulation

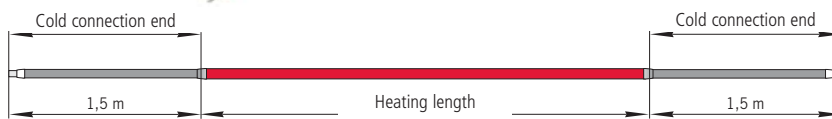


Up to 800°C with quartz fiber insulation

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.

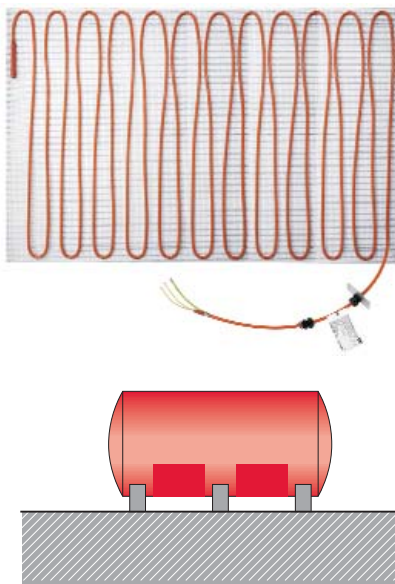
Application: Industrial

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

Heaters Heating panels



Flexible pipes up to 185°C 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: Industrial

- Nominal dimensions 800 x 1620 mm
- Maximum exposure temperature (connected) up to 185°C
- Maximum exposure temperature (disconnected) up to 200°C

Reference	Description	Family	Pack
AKO-71515	Panel 0.8 x 1.62 m, 375W, 230V, up to 185°C	2150	1 Unit
AKO-71535	Panel 0.8 x 1.62 m, 875W, 230V, up to 132°C	2150	1 Unit

Heaters Heating bands



Flexible pipes for heating metal drums.

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

Application: Industrial



- Power supply cable 1.5 m
- Heating uniformly spread
- Silicone insulation with glass fiber

Reference	Description	Family	Pack
AKO-80034	Band 1000W, 230V, for 200l drums (125 x 1665 mm)	2150	2 Units
AKO-80035	Band 800W, 230V, for 105l drums (125 x 1300 mm)	2150	1 Unit
AKO-80036	Band 500W, 230V, for 50l drums (125 x 940 mm)	2150	1 Unit
AKO-80037	Band 300W, 230V, for 25l drums (125 x 800 mm)	2150	1 Unit

Calentadores Manta Calefactora



Container heaters to 1000L 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.

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

Reference	Description	Family	Pack
AKO-80041	Container heater to 1000l square tanks, 2x1000W, 230V	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: Industrial



AKO-718510

- Power cable: 3 m, 3 x 2.5 mm²
- Power up to 3170 W per drum
- Outer diameter: 750 mm
- Inner diameter: 620 mm
- Height: 440 mm

Reference	Description	Family	Pack
AKO-718510	Base heater 720W. 230V	2150	1 Unit
AKO-718520	Ring heater 1.100W. 230V	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: Industrial



- Power cable: 3 m, 3 x 2.5 mm²
- Power up to 2200 W per drum
- Outer diameter: 750 mm
- Inner diameter: 620 mm
- Height: 440 mm

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

Accessories Junction boxes and supports



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: Industrial, construction and refrigeration

Reference	Description	Family	Pack
AKO-71612	Junction box with 1 M20 input and 1 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 Units
AKO-71625	Support for fixing boxes to the AKO-71620 protector	2190	5 Units
AKO-71628	Protector for heating cables in sharp edges	2190	20 Units
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.

Accessories



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: Industrial and construction

Reference	Description	Family	Pack
AKO-712699	Tube of high temperature sealing silicone	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
AKO-71666	Self-vulcanising sealing tape	2190	10 Units
AKO-717440	50m roll of aluminium adhesive tape	2190	1 Unit
AKO-717441	33m 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

Accessories Heat shrinkable sleeves



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 temperature >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	30 Units
AKO-52402	Heat shrinkable sleeve diameter 12/4 mm, length 50 mm	2190	100 Units
AKO-52403	Heat shrinkable sleeve diameter 6/2 mm, length 1.2 m	2190	30 Units
AKO-52404	Heat shrinkable sleeve diameter 6/2 mm, length 75 mm	2190	100 Units