



Kuhlmann Electro-Heat®

HEATING BLANKETS For High Voltage Cables

Our High Voltage Cable Heating Blankets are made for easier bending or straightening of High Voltage Cables, using heat for making them more flexible.

The heating blankets are made for operating temperatures around 90°C, but can be set to heat to and maintain any temperature between 0°C and 90°C.

The heating blankets can be produced for any diameter and length of cable. As standard they are available for ø60-160mm in 1 or 2 meters width.

The outside of the heating blankets is insulated and they are designed to deliver ~1400 W/m² of power when heating up the cable.



Working temperature

0-90 °C (+/- 5°C)

Environment

IP Rating: IP55
Environment temperature: -10 - 40°C

Power

Voltage: 120V or 230V
Power: 750W / 1500W

Dimensions

Cable diameter: ø60-160mm
Blanket length: 625mm
Blanket width: 1m or 2m

Part numbers 120 Volt

Controller: 19-2728HVC
Heating blanket 1m 750W: 20-2850
Heating blanket 2m 1500W: 18-2574

Part numbers 230 Volt

Controller: 19-2674HVC
Heating blanket 1m 750W: 20-2851
Heating blanket 2m 1500W: 18-2573

Material

Silicone impregnated cloth and 6 mm fiberglass insulation. Total thickness of the heating blanket is about 8mm uncompressed.

Fastening method

Velcro straps.

Safety

- Rugged high temperature materials.
- PT100 primary sensor.
- Bimetal safety thermostat at 100°C.
- Thermal Fuse at 167°C.
- Current fuse 16A.
- Electrical Protection Class II.

Heating times

The table below can be used as a guideline to heating times (2000mm heating blanket used).

Cable cross section	Set temperature	Heating time
400mm ²	80°C	~4 hours
1200mm ²	80°C	~5 hours
2500mm ²	80°C	~6 hours