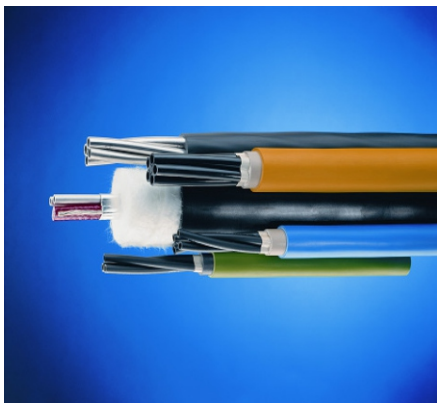


Electrically heated tube bundles

To transport warm media electrically heated tube bundles or heating hoses are used. On one side a certain temperature can be kept or the media can be heated up on the other side.

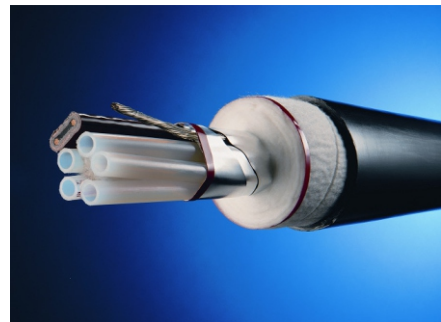
The electrically heated cables can be arranged with parallel-, fixed resistor-, capacity limiting or self regulating. Temperatures from the classical anti-freeze protection up to 600°C can be offered.

The cable transporting the media can be delivered in different materials, like PTFE, PFA, stainless steel or with internal coating. The thermal insulation consists of thermo- or glass fiber fleece or a silicone foam hose. The outer sheath can be produced with PVC-YM4, TPU, PE, without halogen, with polyamide metal hose and polyamide meshwork.



Technical properties:

Outer jacket: PVC YM4 after DIN VDE 0207, blackextrudet, flame retardant, mounting temperature -15°C ...+50°C, prior to and after installation -45°C ...100°C, Temperature resistance, Diameter 42 mm, min. bending radius 400 mm, Insulation: thermovlies, Heating: self-regulated- or constant heater, Temperature resistant between 150° - 200°C, power supply 230/110 V, 50...60 Hz, 16 A fuse, medium tubes: PTFE or SS seamless



According to the application the heated cables can be used in the explosive area of the zones 1/2 gas or 21/22 dust.

There is also the possibility of an individual arrangement of the heated cable for your special application.

For cutting costs with an assembly at side we can offer you complete ready-for-use cables.

Accessories, the installation, the final determination, regulating and supervising units are available in different types.