

Structure



1 Supply conductor 2 Semiconductor matrix 3 Matrix insulation 4 Nickel-plated copper braid
5 Outer sheath of thermoplastic or fluoropolymer

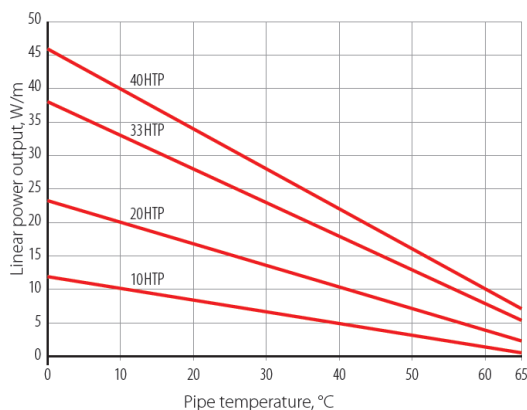
Properties

UV-resistant
Resistant to acids, alkalis, etc.
Easy to install, can be cut to length on site
Versatile use (from frost protection to 65°C)
Individual heat supply (self-limiting)
Use in hazardous areas even without temperature limiter
Overheating not possible - even when heating cables cross each other

Technical Datas

Nominal voltage 230V (other voltages possible on request)
Max. permissible workpiece temperature switched on 65°C
Max. permissible workpiece temperature switched off 80°C or 85°C depending on manufacturer
Min. ambient temperature -60°C
Min. installation temperature -30°C thermoplastic jacket resp. -60°C fluoropolymer jacket
Min. bending radius 25mm

Power characteristic curve (example)



Max. Heating Circuit Length

The max. heating circuit lengths or heating cable lengths depend on the switch-on temperature, the power stage and the on-site circuit breakers. Therefore ask our project managers

Approvals

With ATEX approval as standard
Other approvals possible on request