

## Structure



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

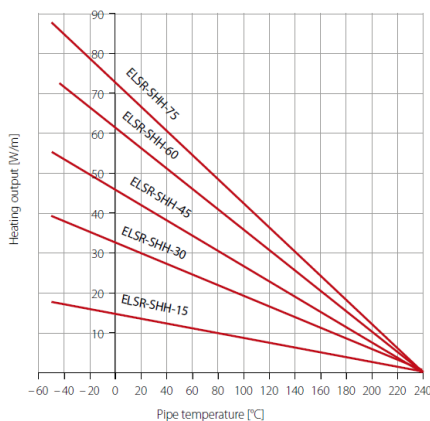
## Properties

UV-resistant  
Resistant to acids, alkalis, etc.  
Easy to install, can be cut to length on site  
Versatile use (from frost protection to 250°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 250°C  
Max. permissible workpiece temperature switched off 250°C  
Min. ambient temperature -40°C  
Min. installation temperature -40°C

## 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