



## DEVIpipeguard™ 33

The DEVIpipeguard™ is a self-limiting heating cable that is mainly used for frost protection of pipes. The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature. The cable will maintain its functionality even when shortened.

The polyolefin outer sheath is highly resistant to harsh environmental conditions and corrosion and it also serves as a protection against mechanical influences.



### Benefits:

- Cut to length on site
- PVC free
- Lead free

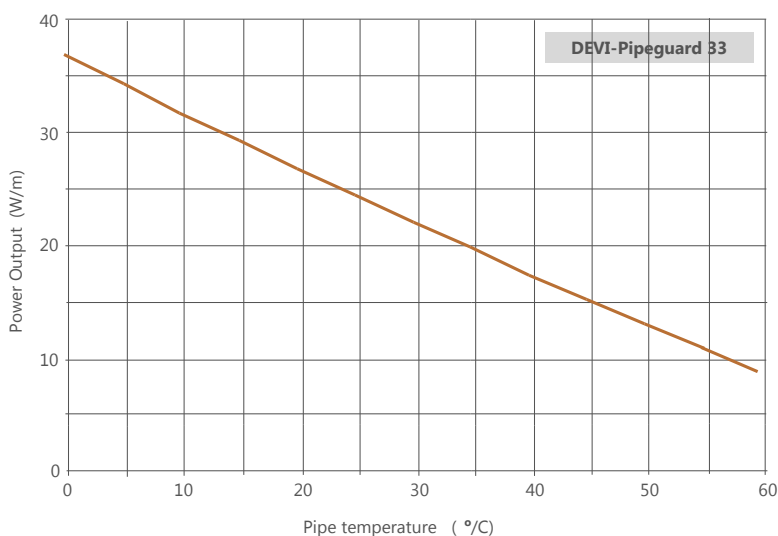
### Standard compliance:

- DIN VDE 0254: 1994-06

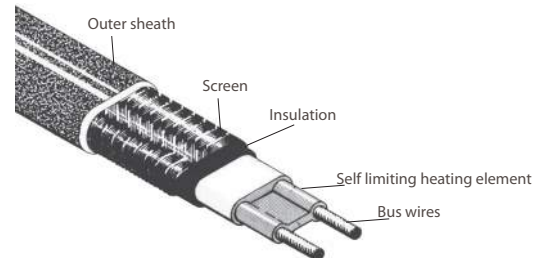
Type	Value
Operation voltage	220 - 240 V~
Output	33 W/m @ 10°C
Maximum permissible use temperature	65° C, powered 85° C, unpowered
Minimum installation temperature	- 50°C
Cable dimensions	11.8 mm x 5.5 mm
Outer sheath	Brown, TPE
Screen	Tinned copper braid
Minimum braid coverage	70%
Maximum resistance protective braid	18.2 Ω/Km
Bending radius	50mm (diameter to the inside of the cable)
Max. installation length (on a pipe with a circuit breaker with C-characteristics)	
Switch On Temperature	16 Amps    20 Amps    25 Amps    32 Amps
+ 10°C	70 m    90 m    98 m    108 m
- 15°C	49 m    64 m    80 m    95 m
- 30°C	43 m    52 m    65 m    82 m

### Types

Item no.	Type	Description
01-98300764	DEVIpipeguard™ 33	Cut-to-length



### Construction



- 1.3 mm<sup>2</sup> nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket