



DEVIpipeguard™ 10 (B), DEVIpipeguard™ 25 (B), DEVIpipeguard™ 33 (B)

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 outer sheath is highly resistant to harsh environmental conditions and corrosion and it also serves as a protection against mechanical influences. All self-limiting heating cables must be over-temperature protected by a thermostat, as the output will decrease, but never be zero.

The cables are not approved for use in drinking water.

Benefits:

- Cut to length on site
- PVC free

Standard compliance:

- DIN VDE 0254: 1994-06

Approvals:



Type	Value
Nominal voltage	230 V AC
Nominal output (min-max): DEVIpipeguard™ 10 DEVIpipeguard™ 25 DEVIpipeguard™ 33	10 W/m @ 10 °C (10-15 W/m @ 10 °C) 25 W/m @ 10 °C (25-32,5 W/m @ 10 °C) 33 W/m @ 10 °C (30-39 W/m @ 10 °C)
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered (1000 hours cumulative)
Minimum installation temperature	-5 °C
Cable dimensions	11,8 mm × 5,5 mm
Outer sheath: DEVIpipeguard™ 10 DEVIpipeguard™ 25 DEVIpipeguard™ 33	Blue, TPE Red, TPE Brown, TPE
Screen	Tinned copper braid
Minimum braid coverage	70%
Maximum resistance protective braid	18,2 Ω/Km
Bending diameter, min.	50 mm (Ø to the inside of the cable)
IP Class	IPX7

Types DEVIpipeguard™ 10

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	Output tolerance, min-max	EAN no.
98300708	DEVIpipeguard™ 10	Drum, 100 m	100 m	1	10-15 W/m @ 10 °C	5703466177174
98300700	DEVIpipeguard™ 10	Drum, 270 m	270-330 m	1	10-15 W/m @ 10 °C	5703435005552
98300707	DEVIpipeguard™ 10	Drum, 720 m	720-880 m	2, between 100 & 880 m	10-15 W/m @ 10 °C	5703466096598
98300709	DEVIpipeguard™ 10	Cut-to-length	1 m	-	10-15 W/m @ 10 °C	5703466193358

Types DEVIpipeguard™ 25

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	Output tolerance, min-max	EAN no.
98300761	DEVIpipeguard™ 25	Drum, 100 m	100 m	1	25-32,5 W/m @ 10 °C	5703466177181
98300759	DEVIpipeguard™ 25	Drum, 270 m	270-330 m	1	25-32,5 W/m @ 10 °C	5703435005569
98300758	DEVIpipeguard™ 25	Drum, 720 m	720-880 m	2, between 100 & 880 m	25-32,5 W/m @ 10 °C	5703466096604
98300763	DEVIpipeguard™ 25	Cut-to-length	1 m	-	25-32,5 W/m @ 10 °C	5703466193365

Types DEVIpipeguard™ 33

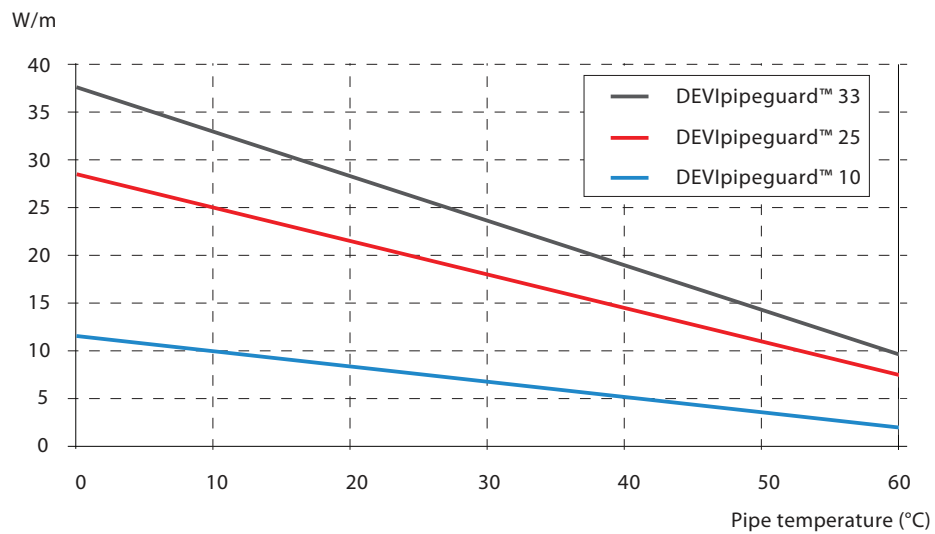
Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	Output tolerance, min-max	EAN no.
98300764	DEVIpipeguard™ 33	305 m, drum	305 m	1	30-39 W/m @ 10 °C	5703466196120
98300672	DEVIpipeguard™ 33	Cut-to-length	1 m	-	30-39 W/m @ 10 °C	5703466193341

RCD of 30 mA is required, max. 500 m of self-limiting heating cable per RCD.

Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic

Switch on temperature	DEVipeguard™ 10				DEVipeguard™ 25				DEVipeguard™ 33			
	16 A	20 A	25 A	32 A	16 A	20 A	25 A	32 A	16 A	20 A	25 A	32 A
10 °C	205 m	205 m	205 m	205 m	88 m	117 m	120 m	126 m	70 m	90 m	98 m	108 m
-15 °C	139 m	186 m	190 m	195 m	58 m	75 m	95 m	117 m	49 m	64 m	80 m	95 m
-30 °C	120 m	150 m	170 m	195 m	45 m	64 m	82 m	100 m	43 m	52 m	65 m	82 m

Heating power



Output of heating cable installed and measured on a pipe.