



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

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.

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: DEVIpipeguard™ 10 DEVIpipeguard™ 25 DEVIpipeguard™ 33	10 W/m @ 10 °C 25 W/m @ 10 °C 33 W/m @ 10 °C
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
Minimum installation temperature	-50 °C
Cable dimensions	13,6 × 5,8 mm
Outer sheath: DEVIpipeguard™ 10 DEVIpipeguard™ 25 DEVIpipeguard™ 33	Blue, TPE Red, TPE Grey, TPE
Screen	Tinned copper braid
Minimum braid coverage DEVIpipeguard™ 10, DEVIpipeguard™ 25 DEVIpipeguard™ 33	70% 80%
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	64 mm (Ø to the inside of the tape)

Types DEVIpipeguard™ 10

Item no.	Type	Length	Permissible length	Output tolerance, min-max	EAN no.
98300863	DEVIpipeguard™ 10	Drum, 100 m	-10% to +10% (actual length on each reel)	9,8-14,7 W/m @ 10 °C	5703466213513
98300864	DEVIpipeguard™ 10	Drum, 250 m		9,8-14,7 W/m @ 10 °C	5703466213520
98300865	DEVIpipeguard™ 10	Drum, 750 m		9,8-14,7 W/m @ 10 °C	5703466213537
98300845	DEVIpipeguard™ 10	Cut-to-length (up to 750 m)	-	9,8-14,7 W/m @ 10 °C	5703466213933

Types DEVIpipeguard™ 25

Item no.	Type	Length	Permissible length	Output tolerance, min-max	EAN no.
98300866	DEVIpipeguard™ 25	Drum, 100 m	-10% to +10% (actual length on each reel)	23,6-32,8 W/m @ 10 °C	5703466213544
98300867	DEVIpipeguard™ 25	Drum, 250 m		23,6-32,8 W/m @ 10 °C	5703466213551
98300868	DEVIpipeguard™ 25	Drum, 750 m		23,6-32,8 W/m @ 10 °C	5703466213568
98300846	DEVIpipeguard™ 25	Cut-to-length (up to 750 m)	-	23,6-32,8 W/m @ 10 °C	5703466213940

Types DEVIpipeguard™ 33

Item no.	Type	Length	Permissible length	Output tolerance, min-max	EAN no.
98300869	DEVIpipeguard™ 33	Drum, 250 m	-10% to +10% (actual length on each reel)	32,0-39,7 W/m @ 10 °C	5703466213575
98300847	DEVIpipeguard™ 33	Cut-to-length (up to 250 m)	-	32,0-39,7 W/m @ 10 °C	5703466213957

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

DEVipeguard™ 10 (T) heating cable maximum length

Start-Up Temp. (°C)	Breaker Size (C Type)				
	10 A (8 Max)	16 A (12,8 Max)	20 A (16 Max)	25 A (20 Max)	32A (25,6 Max)
-40	80	127	159	199	226
-30	87	140	175	219	226
-20	97	156	195	226	226
-10	110	176	220	226	226
0	119	191	226	226	226
10	119	191	226	226	226

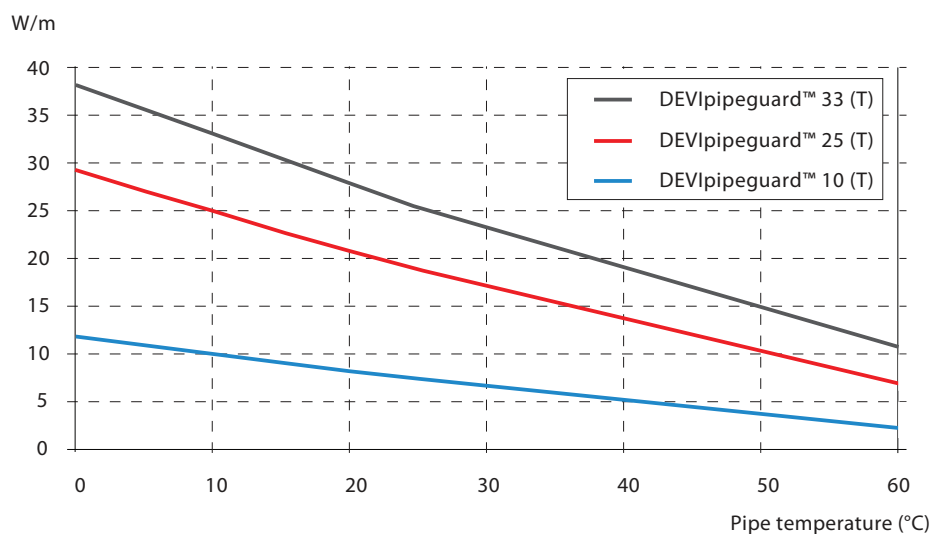
DEVipeguard™ 25 (T) heating cable maximum length

Start-Up Temp. (°C)	Breaker Size (C Type)				
	10 A (8 Max)	16 A (12,8 Max)	20 A (16 Max)	25 A (20 Max)	32A (25,6 Max)
-40	38	61	76	95	122
-30	42	67	84	105	134
-20	46	74	93	116	146
-10	52	84	105	131	146
0	58	93	116	146	146
10	58	93	116	146	146

DEVipeguard™ 33 (T) heating cable maximum length

Start-Up Temp. (°C)	Breaker Size (C Type)				
	10 A (8 Max)	16 A (12,8 Max)	20 A (16 Max)	25 A (20 Max)	32A (25,6 Max)
-40	23	37	47	58	75
-30	25	41	51	64	82
-20	28	45	57	71	91
-10	32	51	64	81	103
0	36	58	73	91	117
10	42	67	84	105	120

Heating power



Output of heating cable installed and measured on a pipe.