



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

The DEVIpipeline™ 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.

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
Operation voltage	230 V AC
Output (min-max): DEVIpipeline™ 10 DEVIpipeline™ 25 DEVIpipeline™ 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
Minimum installation temperature	-50 °C
Cable dimensions	11,8 mm x 5,5 mm
Outer sheath: DEVIpipeline™ 10 DEVIpipeline™ 25 DEVIpipeline™ 33	Blue, TPE Red, TPE Brown, TPE
Screen	Tinned copper braid
Minimum braid coverage	70%
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the cable)

Types DEVIpipeline™ 10

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300708	DEVIpipeline™ 10	Drum, 100 m	100 m	1	5703466177174
98300700	DEVIpipeline™ 10	Drum, 270 m	270-330 m	1	5703435005552
98300707	DEVIpipeline™ 10	Drum, 720 m	720-880 m	2, between 100 & 880 m	5703466096598
98300709	DEVIpipeline™ 10	Cut-to-length	1 m	-	5703466193358

Types DEVIpipeline™ 25

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300761	DEVIpipeline™ 25	Drum, 100 m	100 m	1	5703466177181
98300759	DEVIpipeline™ 25	Drum, 270 m	270-330 m	1	5703435005569
98300758	DEVIpipeline™ 25	Drum, 720 m	720-880 m	2, between 100 & 880 m	5703466096604
98300763	DEVIpipeline™ 25	Cut-to-length	1 m	-	5703466193365

Types DEVIpipeline™ 33

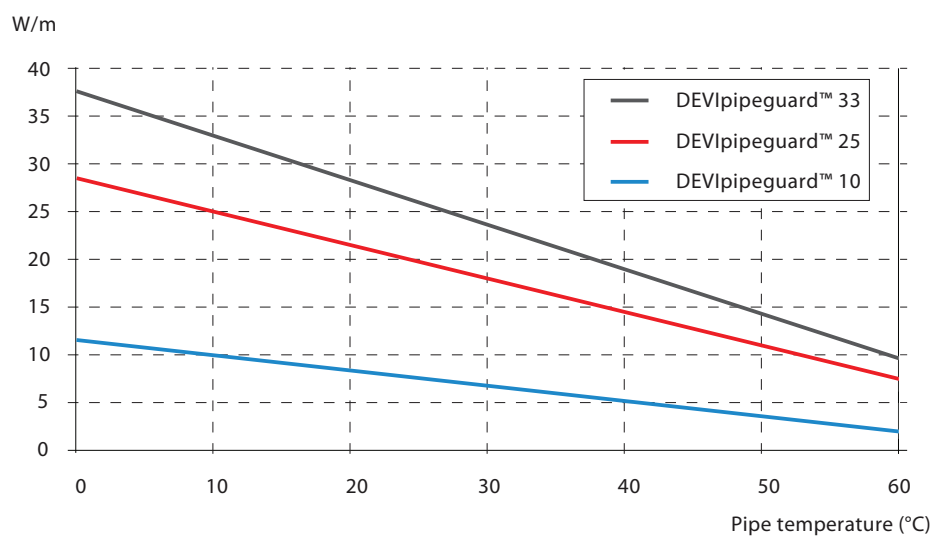
Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300764	DEVIpipeline™ 33	305 m, drum	305 m	1	5703466196120
98300672	DEVIpipeline™ 33	Cut-to-length	1 m	-	5703466193341

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.



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

The DEVipeguard™ 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.

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
Operation voltage	230 V AC
Nominal output: DEVipeguard™ 10 DEVipeguard™ 25 DEVipeguard™ 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: DEVipeguard™ 10 DEVipeguard™ 25 DEVipeguard™ 33	Blue, TPE Red, TPE Grey, TPE
Screen	Tinned copper braid
Minimum braid coverage DEVipeguard™ 10, DEVipeguard™ 25 DEVipeguard™ 33	70% 80%
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	64 mm (Ø to the inside of the tape)

Types DEVipeguard™ 10

Item no.	Type	Length	Permissible length	EAN no.
98300863	DEVipeguard™ 10	Drum, 100 m	-10% to +10% (actual length on each reel)	5703466213513
98300864	DEVipeguard™ 10	Drum, 250 m		5703466213520
98300865	DEVipeguard™ 10	Drum, 750 m		5703466213537
98300845	DEVipeguard™ 10	Cut-to-length (up to 750 m)	-	5703466213933

Types DEVipeguard™ 25

Item no.	Type	Length	Permissible length	EAN no.
98300866	DEVipeguard™ 25	Drum, 100 m	-10% to +10% (actual length on each reel)	5703466213544
98300867	DEVipeguard™ 25	Drum, 250 m		5703466213551
98300868	DEVipeguard™ 25	Drum, 750 m		5703466213568
98300846	DEVipeguard™ 25	Cut-to-length (up to 750 m)	-	5703466213940

Types DEVipeguard™ 33

Item no.	Type	Length	Permissible length	EAN no.
98300869	DEVipeguard™ 33	Drum, 250 m	-10% to +10% (actual length on each reel)	5703466213575
98300847	DEVipeguard™ 33	Cut-to-length (up to 250 m)		5703466213957

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

DEVIpipeline™ 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

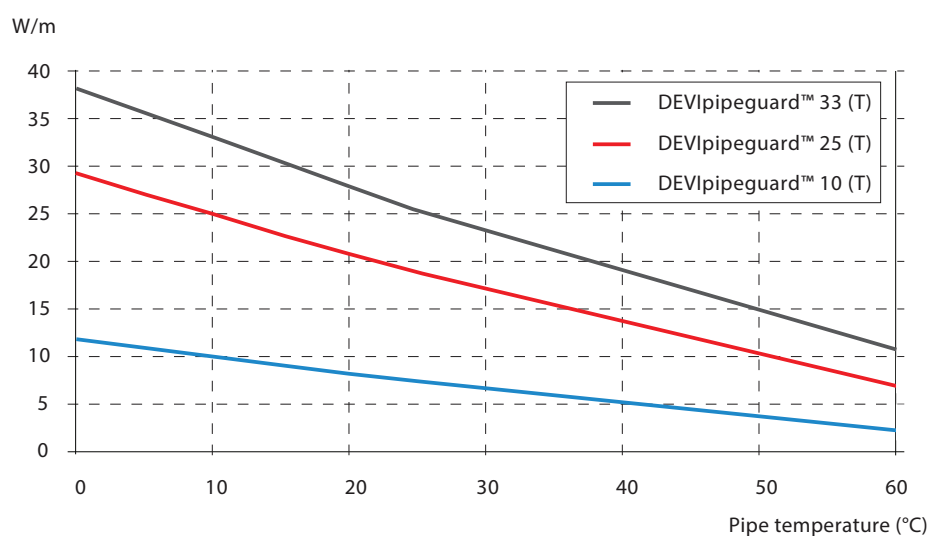
DEVIpipeline™ 25 (T) heating cable maximum length

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

DEVIpipeline™ 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.



DEVIpipeline™ 10 (DPH-10) (B)

The DEVIpipeline™ 10 w/plug 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 heating cables can be installed inside or outside pipes. The product range: drum cable, cable with cold lead without mains plug and cable with cold lead with an EU Schuko mains plug.

Benefits:

- Cut to length on site
- Ready made lengths
- Can be installed inside pipes

Standard compliance:

- IEC 60335-1:2012
- IEC 62233:2008

Approvals:



Type	Value
Operation voltage	230 V~
Output (min-max)	10 W/m @ 10 °C (8,5-13,5 W/m @ 10 °C)
Max. permissible use temperature, powered	65 °C
Max. permissible use temperature, unpowered	85 °C
Minimum use temperature	- 30 °C
Heating cable dimensions	7,7 mm x 5,3 mm
Outer sheath	Blue, TPE
Minimum Screen Coverage	100% aluminium foil
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the cable)
Cold tail with plug	1,5 m, 3 x 1 mm ² , Schuko plug
Max. installation length on a pipe with 10 A circuit breaker with C-characteristic	100 m (60 m inside the water pipe)
	96 m
	77 m

Types

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	Output @ 10 °C	EAN no.
98300016	DEVIpipeline™ 10	Drum, 100 m	100 m	1	10 W/m	5703466217771
98300015	DEVIpipeline™ 10	Drum, 270 m	270-330 m	1	10 W/m	5703466217764
98300017	DEVIpipeline™ 10	Drum, 900 m	900-1100 m	2, between 100 & 1100 m	10 W/m	5703466217788
140F0711	DEVIpipeline™ 10 no plug	2 m	-	-	20 W	5703466218143
140F0712	DEVIpipeline™ 10 no plug	4 m	-	-	40 W	5703466218150
140F0713	DEVIpipeline™ 10 no plug	6 m	-	-	60 W	5703466218167
140F0714	DEVIpipeline™ 10 no plug	8 m	-	-	80 W	5703466218174
140F0715	DEVIpipeline™ 10 no plug	10 m	-	-	100 W	5703466218181
140F0716	DEVIpipeline™ 10 no plug	12 m	-	-	120 W	5703466218198
140F0717	DEVIpipeline™ 10 no plug	14 m	-	-	140 W	5703466218204
140F0718	DEVIpipeline™ 10 no plug	16 m	-	-	160 W	5703466218211
140F0719	DEVIpipeline™ 10 no plug	19 m	-	-	190 W	5703466218228
140F0720	DEVIpipeline™ 10 no plug	22 m	-	-	220 W	5703466218235
140F0721	DEVIpipeline™ 10 no plug	25 m	-	-	250 W	5703466218242
98300071	DEVIpipeline™ 10 with plug	2 m	-	-	20 W	5703466217924
98300072	DEVIpipeline™ 10 with plug	4 m	-	-	40 W	5703466217931
98300073	DEVIpipeline™ 10 with plug	6 m	-	-	60 W	5703466217948
98300074	DEVIpipeline™ 10 with plug	8 m	-	-	80 W	5703466217955
98300075	DEVIpipeline™ 10 with plug	10 m	-	-	100 W	5703466217962
98300076	DEVIpipeline™ 10 with plug	12 m	-	-	120 W	5703466217979
98300077	DEVIpipeline™ 10 with plug	14 m	-	-	140 W	5703466217986
98300078	DEVIpipeline™ 10 with plug	16 m	-	-	160 W	5703466217993
98300079	DEVIpipeline™ 10 with plug	19 m	-	-	190 W	5703466218006
98300080	DEVIpipeline™ 10 with plug	22 m	-	-	220 W	5703466218013
98300081	DEVIpipeline™ 10 with plug	25 m	-	-	250 W	5703466218020
19805366	¾" + 1" Pipe fitting for DEVIpipeline™ 10 (DPH-10)			With rubber conic sliced sleeve, oval hole		5703435041697



DEVlaqua™ 9T

NEW

The DEVlaqua™ 9T is a light blue, high-quality, round, series resistive, full screened, twin conductor heating cable with a tough outer sheath **and with a special 3/4" and 1" pipe fitting**. It is approved for use in contact with drinking water up to 23 °C.

The DEVlaqua™ 9T is a heating cable developed for being installed inside drinking water pipes with the purpose to prevent frozen pipes (not for keeping water hot in pipes).

The DEVlaqua™ 9T is designed with output of 9 W/m at 230 V, as it has been evaluated to give a good balance between needed output and long-term use of the product.

The heating cable is supplied in readymade lengths with a 3/4" and 1" fitting to establish a water tight entrance for the heating cable into the drinking water pipe. It is equipped with a UV stable cold lead with solid conductors ensuring fast installation with a clearly visible connection.

Benefits:

- Frost protection inside water pipes
- Approved for drinking water
- GDV certificate
- Readymade with cold tail
- Wide range up to 150 m
- 3/4" and 1" pipe fitting
- Safe and robust
- Long life-time

Standard compliance:

- IEC 60800:2009

Approvals:



Type	Value
Nominal voltage	230 V~
Construction	Round, series resistive, twin conductor with 360° screen, one cold lead
Output	9 W/m @ 230 V~
Max. water pressure	10 Bar
Max. water temperature	23 °C
Cable dimensions	Ø 7 mm
Deformation strength	>600 N
Pulling strength	>120 N
Conductor insulation	XLPE
Outer sheath	Light blue, MDPE
Screen	Alu-foil 100% coverage + 0,5 mm² tinned copper drain wire
Cold lead	2,3 m, 3x1,5 mm², DTCL, UV-resistant
Min. installation temperature	-5 °C
Bending Ø, min.	50 mm
IP Class	IPX7

Types

Item no.	Output @ 230 V~	Cable length	Resistance	EAN no.
140F0000	25 W	3 m	2116,0 Ω	5703466201534
140F0001	45 W	5 m	1175,6 Ω	5703466201541
140F0002	65 W	7 m	813,8 Ω	5703466201558
140F0003	90 W	10 m	587,8 Ω	5703466201565
140F0004	110 W	12 m	480,9 Ω	5703466201572
140F0005	135 W	15 m	391,9 Ω	5703466201589
140F0006	180 W	20 m	293,9 Ω	5703466201596
140F0007	225 W	25 m	235,1 Ω	5703466201602
140F0008	270 W	30 m	195,9 Ω	5703466201619
140F0009	315 W	35 m	167,9 Ω	5703466201626
140F0010	360 W	40 m	146,9 Ω	5703466201633
140F0011	450 W	50 m	117,6 Ω	5703466201640
140F0012	540 W	60 m	98,0 Ω	5703466201657
140F0013	630 W	70 m	84,0 Ω	5703466201664
140F0014	720 W	80 m	73,5 Ω	5703466201671
140F0015	810 W	90 m	65,3 Ω	5703466201688
140F0016	900 W	100 m	58,7 Ω	5703466201695
140F0017	990 W	110 m	53,4 Ω	5703466201701
140F0018	1080 W	120 m	49,0 Ω	5703466201718
140F0019	1170 W	130 m	45,2 Ω	5703466201725
140F0020	1260 W	140 m	42,0 Ω	5703466201732
140F0021	1350 W	150 m	39,2 Ω	5703466201749
19805372	3/4" + 1" Pipe fitting for blue DEVlaqua™ 9T	With rubber conic sleeve, round hole.		5703466164624

Note!

DEVlaqua™ 9T is only for use when installed in a pipe and only when fully covered by water.

DEVlaqua™ 9T is only intended for being used for cold drinking water with max. temperature 23 °C.



DEVIpipeguard™ 30 Industry (PT-30), DEVIpipeguard™ 60 Industry (PT-60)

DEVIpipeguard™ Industry is a self-limiting heating cable that is mainly used for frost protection of pipes and for temperature maintenance in applications up to 120 °C powered or 190 °C unpowered cable.

The cable allows steam cleaning in pipes. The heating element, the insulation and the outer jacket of DEVIpipeguard™ Industry are made of fluoropolymers.

Fluoropolymer outer jacket offers increased protection against chemicals (oil and fuel) and abrasion.

A temperature-dependent resistance element between two parallel-guided copper conductors regulates and limits the heat output of the heating cable. This power setting takes place at every point of the heating cable, according to the ambient temperature prevailing there.

If the temperature rises, the power of the cable is reduced. This self-limiting prevents overheating of the cable, even if it is overlaid. The heating cable can be cut off at desired length by the parallel current supply. This simplifies planning and installation.

The installation of a thermostat is recommended.

The cable is not approved for use in drinking water.

Benefits:

- Cut to length on site
- PVC free

Standard compliance:

- VDE E 0254: 94

Approvals:



Type	Value
Operation voltage	230 V AC (max. 254 V AC)
Nominal output (min-max): DEVIpipeguard™ 30 Industry DEVIpipeguard™ 60 Industry	30 W/m @ 10 °C (30-39 W/m @ 10 °C) 60 W/m @ 10 °C (54-72 W/m @ 10 °C)
Maximum permissible use temperature	120 °C, powered 190 °C, unpowered
Temperature rating conform IEC 60079-30	DEVIpipeguard™ 30 Industry – T3 DEVIpipeguard™ 60 Industry – T2
Minimum installation and switched on temperature	-60 °C
Cable dimensions	11,8 x 5,8 mm
Outer sheath	Red, Fluoropolymer
Minimum braid coverage	70 %
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the tape)

Types

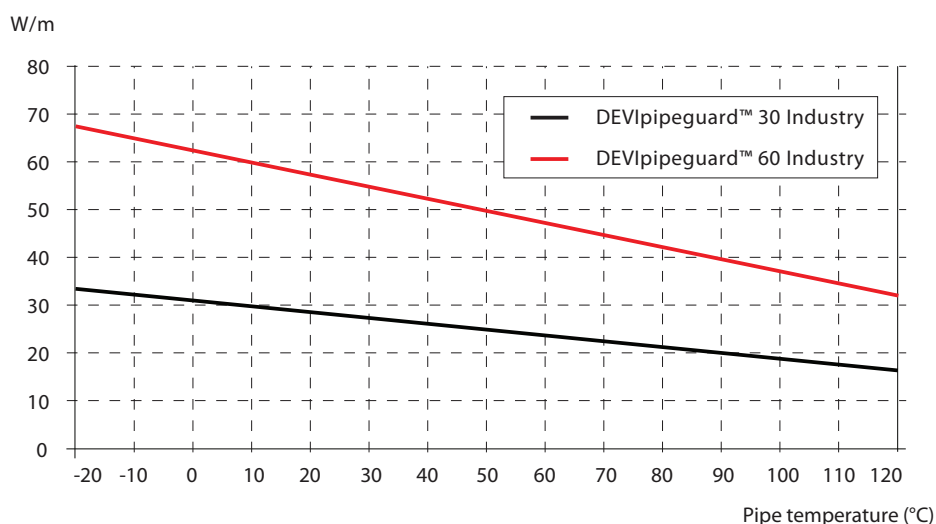
Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
00109025	DEVIpipeguard™ 30 Industry	Drum, 270 m	270-330 m	1	5703466195673
98300673	DEVIpipeguard™ 30 Industry	Cut-to-length	1 m	-	5703466197257
00109027	DEVIpipeguard™ 60 Industry	Drum, 270 m	270-330 m	1	5703466163498
98300674	DEVIpipeguard™ 60 Industry	Cut-to-length	1 m	-	5703466197264

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

Switch on temperature	DEVipeguard™ 30 Industry				DEVipeguard™ 60 Industry			
	16 A	20 A	25 A	32 A	16 A	20 A	25 A	32 A
10 °C	85 m	114 m	114 m	114 m	50 m	64 m	64 m	64 m
-25 °C	69 m	92 m	100 m	114 m	38 m	52 m	58 m	64 m
-60 °C	65 m	86 m	92 m	110 m	35 m	48 m	52 m	60 m

Power output characteristic

Output of heating cable installed and measured on a pipe.


Accessories

Item no.	EAN no.	Type	Description	Image
00109007	5703466167397	Connection kit for DEVIpipeguard 30/60 Industry (PT-30/60) heating cables	With clamping block for the connection of cold lead and heating cable, shrink end-cap, shrink tubes, bitumen gaskets and ferrules.	
00109026	5703466135778	Connection kit for DEVIpipeguard 30/60 Industry (PT-30/60) heating cables	For mounting in connection box with screw connections. With cable gland M20x1,5 with locknut, shrink end-cap, shrink tubes, bitumen gasket and ferrules.	
19400167	5703435002858	Polyester box ABSC for DEVliceeguard™ and DEVipeguard™	For SLC (DEVliceeguard, DEVipeguard)	
19405851	5703435002964	Bracket	Fitting for connection of housing (19400167) to pipes	
11010410	5703435031001	Insulation introduction	With mounting plate M20 60x60x1 mm AISI304; Cable gland U17 M20x1,5; Cable gland M25	
19805076	5703435003053	Tape aluminium 38 mm x 50 m	Self-adhesive, with 2-colour warning label, max. 75 °C	



DEVlceguard™ 18 (B)

The DEVlceguard™ is a self-limiting parallel heating cable that is used for ice and snow melting on roofs and in gutters and downpipes.

The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature.

The heating cable is flexible and easy to install as it can be cut to length at site and installed directly on to the roof and gutter system.

Benefits:

- Easy to install
- **Cut to length on site**
- **Readymade lengths**

Standard compliance:

- SS 4242411

Approvals:

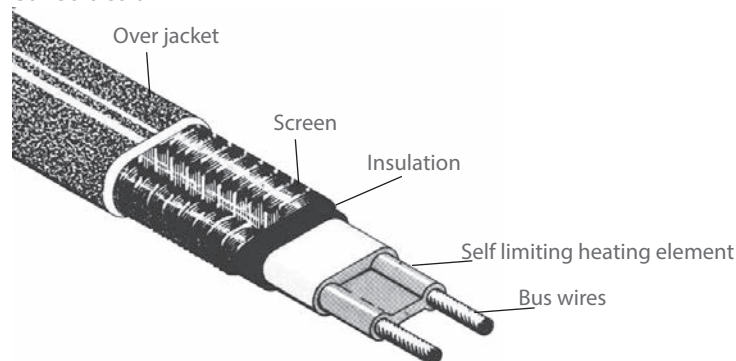


Type	Value
Operation voltage	230 V AC
Output	18 W/m @ 0 °C (15 W/m @ 10 °C)
Output (min-max)	15-20 W/m @ 0 °C
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
Minimum installation temperature	-50 °C
Cable dimensions	11,8 mm × 5,8 mm
Outer sheath	Black, TPE
Minimum braid coverage	80%
Maximum resistance protective braid	14,8 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the cable)

Types

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300810	DEVlceguard™ 18	Drum, 100 m	100 m	1	5703466177198
98300809	DEVlceguard™ 18	Drum, 270 m	270-330 m	1	5703435005576
98300831	DEVlceguard™ 18	Drum, 720 m	720-880 m	2, between 100 & 880 m	5703466096581
98300827	DEVlceguard™ 18	Cut-to-length	1 m	-	5703466193372

Construction



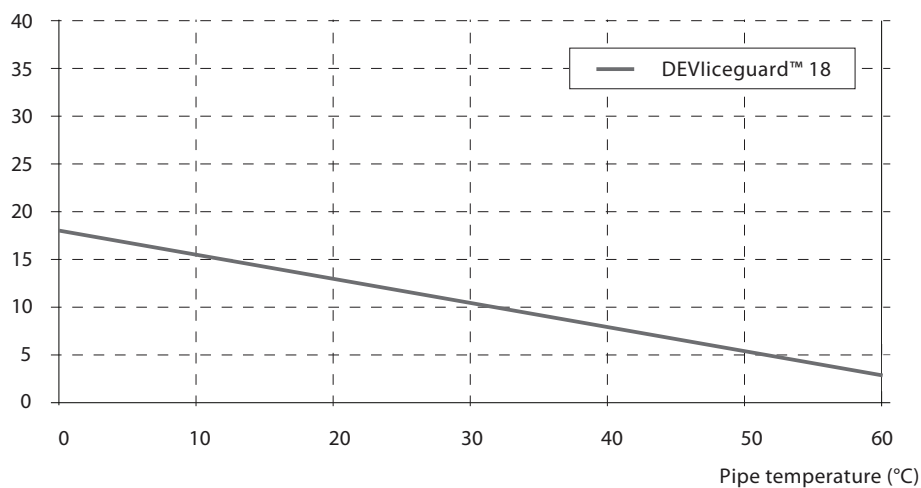
- Nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket

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

Switch on temperature	DEVliceguard™ 18			
	16 A	20 A	25 A	32 A
10 °C	145 m	162 m	162 m	162 m
-15 °C	93 m	125 m	142 m	162 m
-30 °C	77 m	106 m	135 m	160 m

Heating power

W/m





DEVliceguard™ 18 (T)

The DEVliceguard™ is a self-limiting parallel heating cable that is used for ice and snow melting on roofs and in gutters and downpipes.

The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature.

The heating cable is flexible and easy to install as it can be cut to length at site and installed directly on to the roof and gutter system.

Benefits:

- Easy to install
- **Cut to length on site**
- **Readymade lengths**

Standard compliance:

- SS 4242411

Approvals:



Type	Value
Operation voltage	230 V AC
Nominal output	20 W/m @ 0 °C (18 W/m @ 10 °C)
Maximum permissible use temperature	65 °C, powered 85 °C, unpowered
Minimum installation temperature	-50 °C
Cable dimensions	11,3 × 5,8 mm
Outer sheath	Black, TPE
Minimum braid coverage	80%
Maximum resistance protective braid	14,8 Ω/Km
Cold lead DEVliceguard™ 18 Readymade	5 m DTWC, 2×1,5 mm ² , screened
Bending Ø, min.	64 mm (Ø to the inside of the cable)

Types DEVliceguard™ 18 Drum Goods

Item no.	Type	Length	Permissible length	Output @ 10 °C	EAN no.
98300860	DEVliceguard™ 18	Drum, 100 m	-10% to +10% (actual length on each reel)	18 W/m	5703466213483
98300861	DEVliceguard™ 18	Drum, 250 m		18 W/m	5703466213490
98300862	DEVliceguard™ 18	Drum, 750 m		18 W/m	5703466213506
98300844	DEVliceguard™ 18	Cut-to-length	-	18 W/m	5703466213926

Types DEVliceguard™ 18 Readymade

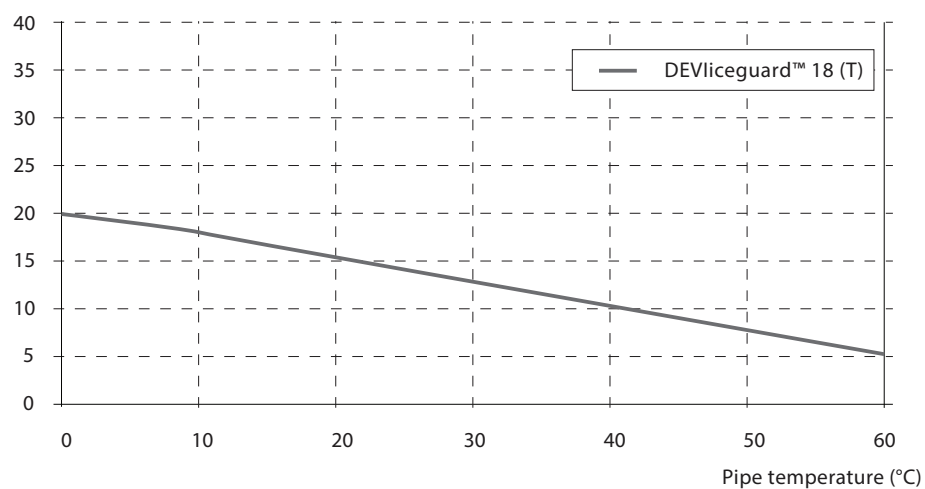
Item no.	Type	Length	Output @ 10 °C	EAN no.
98300835	DEVliceguard™ 18 Readymade	2 m	36 W	5703466202678
98300836	DEVliceguard™ 18 Readymade	4 m	72 W	5703466202685
98300837	DEVliceguard™ 18 Readymade	6 m	108 W	5703466202692
98300838	DEVliceguard™ 18 Readymade	8 m	144 W	5703466202708
98300839	DEVliceguard™ 18 Readymade	10 m	180 W	5703466202715
98300840	DEVliceguard™ 18 Readymade	15 m	270 W	5703466202722
98300841	DEVliceguard™ 18 Readymade	23 m	414 W	5703466202739
98300842	DEVliceguard™ 18 Readymade	30 m	540 W	5703466202746
98300843	DEVliceguard™ 18 Readymade	50 m	900 W	5703466202753

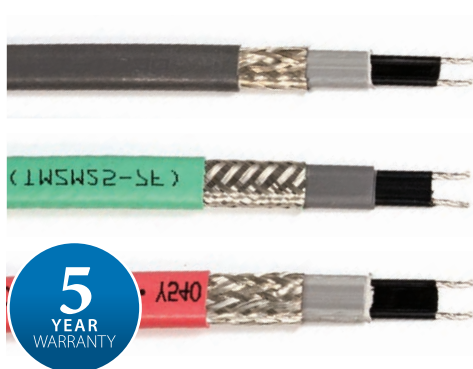
DEVliceguard™ 18 (T) heating cable maximum length in ice water

Start-Up Temp. (°C)	W/m	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	25	40	50	62	80	80
-30	27	44	55	69	88	88
-20	30	50	60	75	95	95
-10	34	54	68	85	95	95
0	38	60	75	94	95	95
10	51	82	103	129	129	129

Output of heating cable installed and measured on pipe

W/m





DEVIhotwatt™ 45 (B), DEVIhotwatt™ 55 (B), DEVIhotwatt™ 70 (B)

The DEVIhotwatt™ is a self-limiting heating cable that is used for temperature maintenance of hot water supply and other fluids that need to maintain a certain temperature.

The self-limiting capability of the cable ensures that the output of the cable increase or decrease according to ambient temperature.

DEVIhotwatt™ ensures hot water in all taps and savings when circulation of the whole pipe system is unnecessary.

The cable is not approved for use in drinking water.

Benefits:

- Cut to length on site
- Black version is UV protected
- PVC free

Approvals:



Type	Value
Operation voltage	230 V AC
Nominal output (min-max) :	
DEVIhotwatt™ 45	7 W/m @ 45 °C (6,5-12,5 W/m @ 45 °C)
DEVIhotwatt™ 55	9 W/m @ 55 °C (8,5-15,8 W/m @ 45 °C)
DEVIhotwatt™ 70	12 W/m @ 70 °C (11,5-19,0 W/m @ 45 °C)
Outer sheath:	
DEVIhotwatt™ 45	Black, TPE
DEVIhotwatt™ 55	Green, TPE
DEVIhotwatt™ 70	Red, TPE
Maximum permissible use temperature	80 °C, powered 100 °C, unpowered
Minimum installation temperature	-50 °C
Cable dimensions	11,8 mm × 5,8 mm
Minimum braid coverage	70%
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the tape)
Max. installation length - with 10 A circuit breaker	55 m

Types DEVIhotwatt™ 45

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300955	DEVIhotwatt™ 45	Drum, 270 m	270-330 m	1	5703466109144
98300718	DEVIhotwatt™ 45	Cut-to-length	1 m	-	5703466195925

Types DEVIhotwatt™ 55

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300958	DEVIhotwatt™ 55	Drum, 100 m	100 m	1	5703466177204
98300957	DEVIhotwatt™ 55	Drum, 270 m	270-330 m	1	5703435005613
98300956	DEVIhotwatt™ 55	Cut-to-length	1 m	-	5703466193389
140F1145	DEVIhotwatt™ 55	9 m	-	-	5703466240489
140F1146	DEVIhotwatt™ 55	25 m	-	-	5703466240496
140F1147	DEVIhotwatt™ 55	30 m	-	-	5703466240502
140F1148	DEVIhotwatt™ 55	55 m	-	-	5703466240519
140F1149	DEVIhotwatt™ 55	70 m	-	-	5703466240526
140F1150	DEVIhotwatt™ 55	15 m	-	-	5703466242919
140F1151	DEVIhotwatt™ 55	50 m	-	-	5703466242926
140F1152	DEVIhotwatt™ 55	80 m	-	-	5703466242933

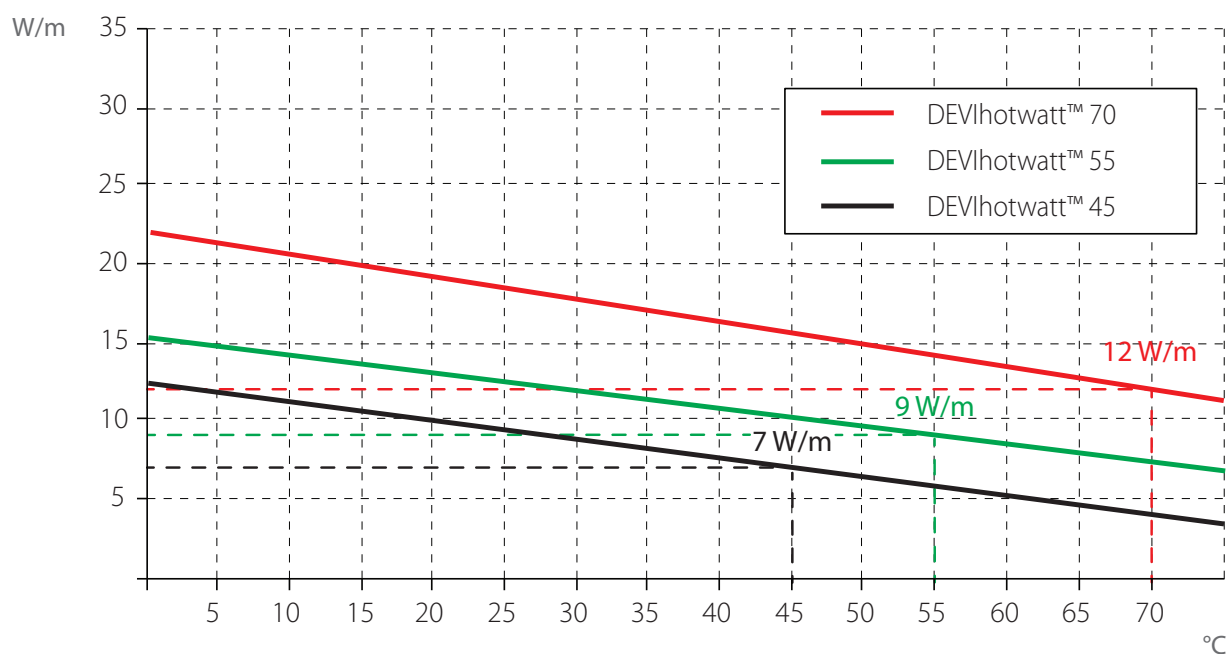
Types DEVIhotwatt™ 70

Item no.	Type	Length	Min-max length per drum	Number of length allowed on drum, max	EAN no.
98300959	DEVIhotwatt™ 70	270 m, drum	270-330 m	1	5703466109151
98300964	DEVIhotwatt™ 70	Cut-to-length	1 m	-	5703466193396

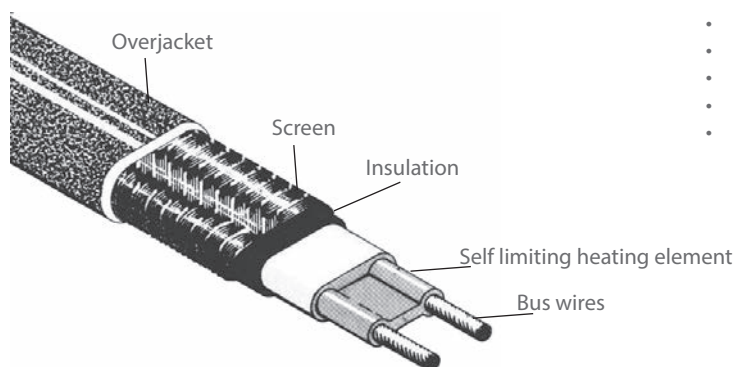
Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic

Temperature	DEVIhotwatt™ 45				DEVIhotwatt™ 55				DEVIhotwatt™ 70			
	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	165 m	189 m	189 m	189 m	135 m	160 m	160 m	160 m	120 m	140 m	140 m	140 m
-25 °C	117 m	152 m	170 m	189 m	100 m	130 m	145 m	160 m	88 m	120 m	130 m	140 m

DEVIhotwatt™ cable heat emissions



Construction



- Nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket