

## 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 DEVIhotwatt™ 55 DEVIhotwatt™ 70	7 W/m @ 45 °C (6,5-12,5 W/m @ 45 °C) 9 W/m @ 55 °C (8,5-15,8 W/m @ 45 °C) 12 W/m @ 70 °C (11,5-19,0 W/m @ 45 °C)
Outer sheath: DEVIhotwatt™ 45 DEVIhotwatt™ 55 DEVIhotwatt™ 70	Black, TPE Green, TPE 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

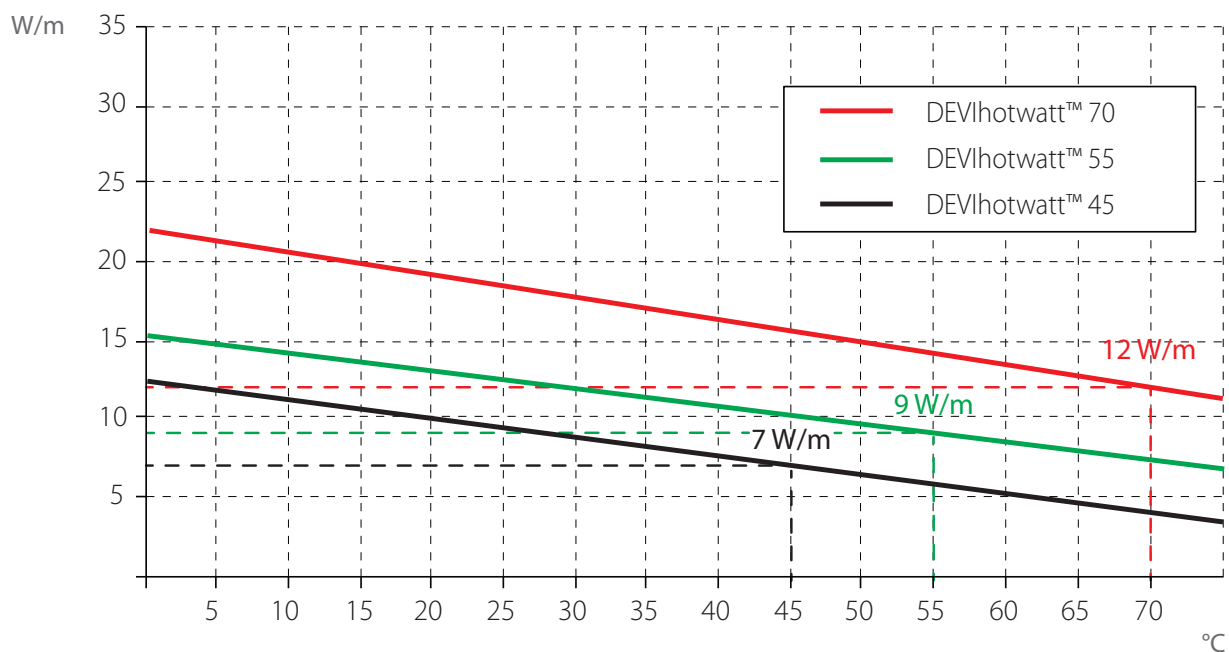
### Types DEVIhotwatt™ 70

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

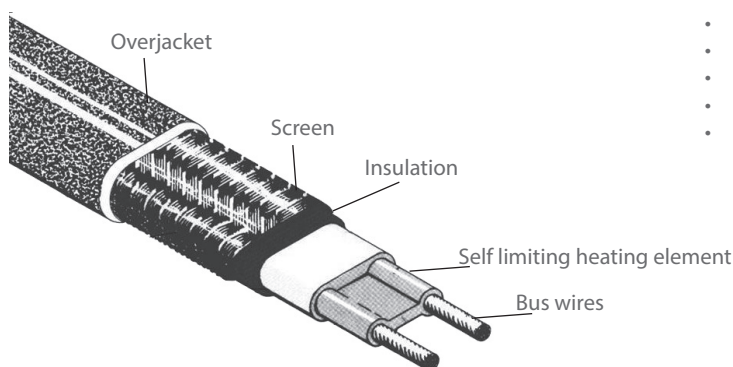
**Maximum heating circuit length on a pipe, with circuit breaker with C-characteristic**

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