

DEVipeguard™ 60 Industry (DEVIndustrial™ 60, PT-60)



DEVipeguard™ 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 DEVipeguard™ Industry are made of fluoropolymers.

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.

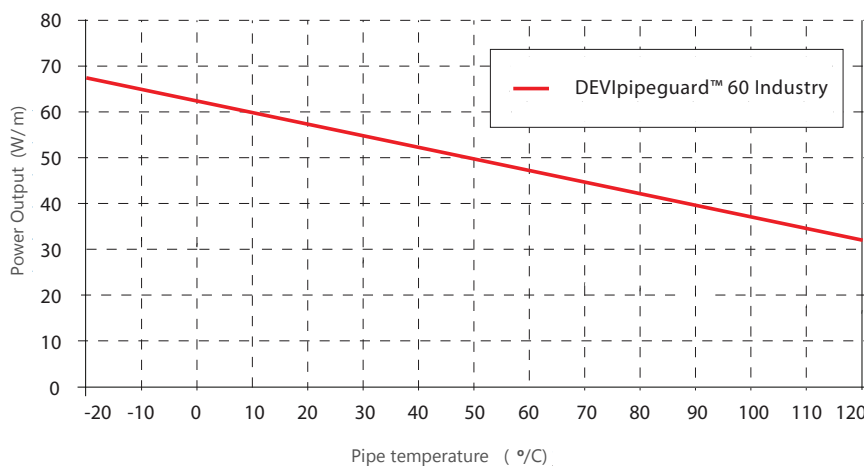
The installation of a thermostat is recommended.



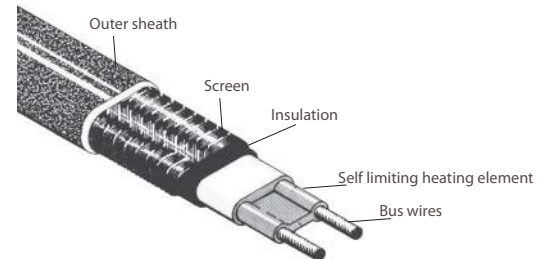
Benefits: <ul style="list-style-type: none"> • Cut to length on site • PVC free Standard compliance: <ul style="list-style-type: none"> • VDE E 0254: 94 Approvals: 	Type	Value			
	Operation voltage	230 V AC (max. 254 V AC)			
	Nominal output	DEVipeguard™ 60 Industry 60 W/m @ 10 °C			
	Maximum permissible use temperature	120 °C, powered 190 °C, unpowered			
	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)			
Maximum heating circuit lengths on pipe (with C-Characteristic breakers)	Switch on temperature	DEVipeguard™ 60 Industry			
		16 A	20 A	25 A	32 A
	10 °C	50 m	64 m	64 m	64 m
	-25 °C	38 m	52 m	58 m	64 m
	-60 °C	35 m	48 m	52 m	60 m

Types

Item no.	Type	Length	Tolerance	EAN no.
01-109027	DEVipeguard™ 60 Industry	Cut-to-length	1 m	5703466163498



Construction



- 1.3 mm² nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket