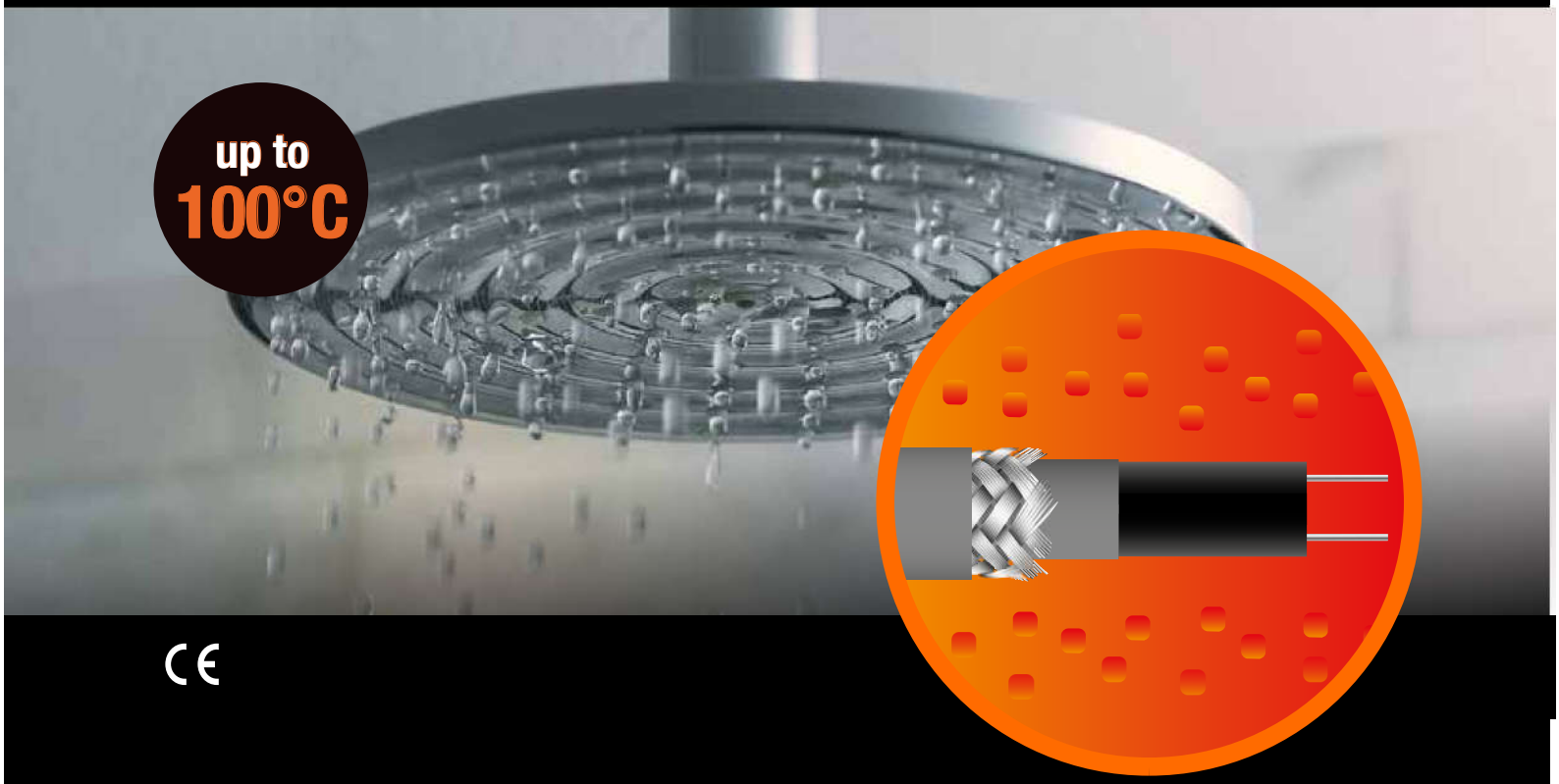
ThermTrace® WaterHeat (TTWH)

SELF-REGULATING PARALLEL HEATING TAPE



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Properties

- Self-regulating
- 2 power outputs
- Cut-to-length
- Moisture proof

Applications

The ThermTrace WaterHeat is construction grade self-regulating heating tape that may be used for temperature maintenance of hot water systems including prevention of legionella formation.

Technical data

Maximum exposure temperature (unpowered):	100°C
Maximum operating temperature:	80°C
Nominal voltage:	230V
Min. bending radius:	20mm
Min. installation temperature:	-20°C
Buswires:	nickel plated copper

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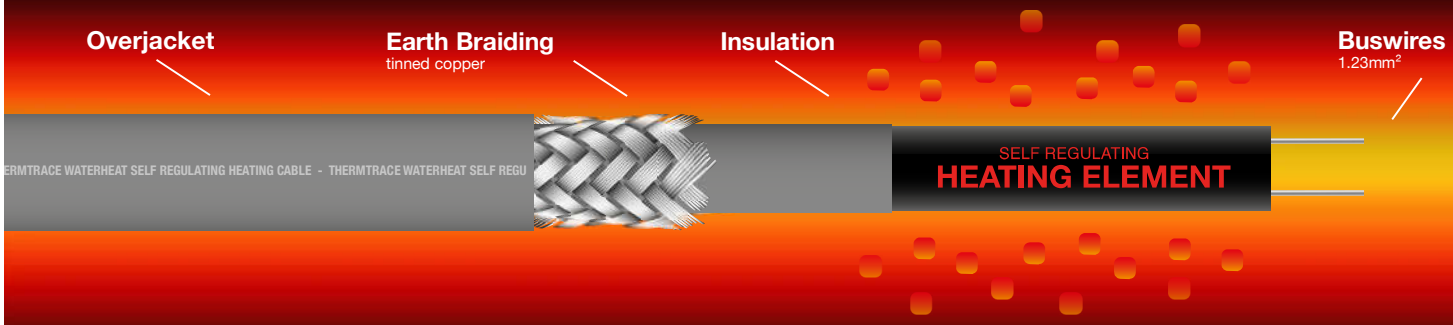
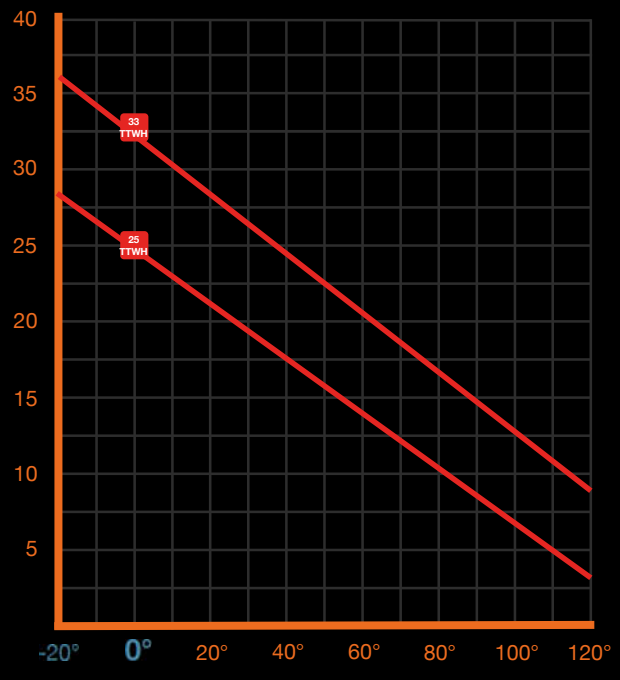
Name	Power output in typical application (W/m)	Maximum permissible temperature (°C)	Nominal Dimension
25 TTWH-2-BO	9 W/m at 55°C	100	13.0 x 5.0
33 TTWH-2-BO	12 W/m at 60°C	100	13.0 x 5.0



Maximum recommended length of heating circuit at 230VAC using Type-C circuit breakers:

Product Reference	Circuit Breaker	+10°C	0°C	-10°C
25TTWH	10A	72m	61m	56m
25TTWH	16A	115m	98m	90m
25TTWH	20A	125m	120m	100m
25TTWH	25A	129m	123m	115m
25TTWH	32A	133m	125m	120m
33TTWH	10A	46m	40m	36m
33TTWH	16A	75m	68m	62m
33TTWH	20A	90m	82m	74m
33TTWH	25A	100m	95m	90m
33TTWH	32A	108m	101m	97m

Temperature (°C) / Loading (W/m) diagram