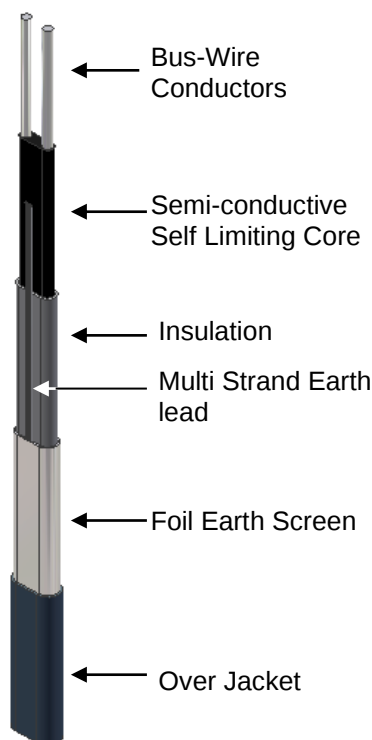




HEATING TAPE TYPE H2OWAT

SELF REGULATING HEATING TAPE – FOR MAINTAINING OF HOT WATER SYSTEMS



H2OWAT is a parallel resistance, cut to length on site self regulating heating cable designed to compensate for heat losses from hot water distribution systems, as well as offering the option to disinfect periodically against Legionella.

Type H2OWAT heating tape compensates for heat loss from hot water pipe work where modern non-recirculating systems employing a single feed pipe are used. Feed pipes to hot taps cool rapidly under no-flow conditions and this can be overcome by tracing the pipe with heating tape under thermal insulation.

This will ensure that water is always available for draw-off at a minimum temperature of usually 55°C or 65°C depending on type used. Thermal Mixing Valves may be required to reduce the water temperature at the draw off points to eliminate the potential for scalding

CONSTRUCTION

The heating tape has a core comprising two bus-wire conductors contained within an extruded semi-conductive self limiting heater core with an outer insulating polyolefin sheath.

The tape has an earth protection screen in the form of a Foil Jacket covering a multi strand earth lead.

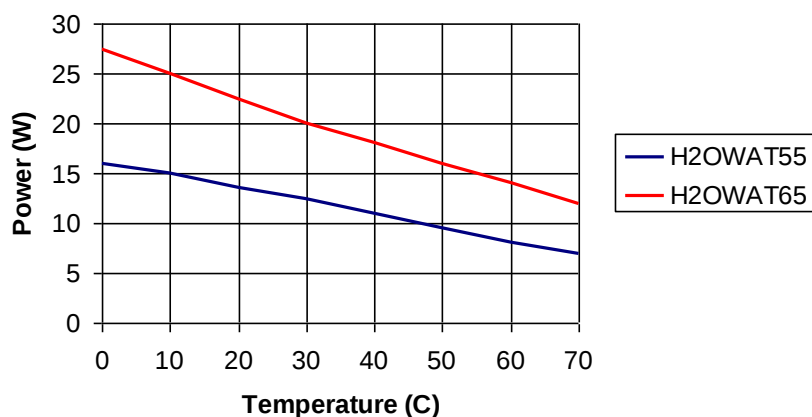
The tape is finished with a further protective thermoplastic outer sheath over the earth screen.

RANGE

TYPE	VOLTS	Start Up Temperature (°C)	MAX CIRCUIT LENGTH (m)		
			16A CB	20A CB	25A CB
H2OWAT55 9w/m @55°C	230	20	130	130	130
		55	130	130	130
H2OWAT65 13w/m @65°C	230	20	110	110	110
		65	110	110	110

Protection Type C to BS EN 60898

OUTPUT



SPECIFICATION

Conductors	Tinned Copper(19x0.287) 1.23mm².	
Core	Semi-conductive Polymer.	
Outer Sheath	Thermo-plastic elastomer	
	H2OWAT55	H2OWAT65
Width (mm)	4.7	4.7
Thickness (mm)	11.7	11.7
Earth Protection	Foil jacket with multi strand Earth lead	
Supply Voltage	230V	
Max Maintain Temp	80°C (energised)	
Max Temp	100°C (un-energised)	
Min Bend Radius	27mm	

INSULATION REQUIREMENTS

Pipe size (mm)	15	22	28	35	42	54
Insulation thickness (mm)	20	20	25	30	37	50

Assumed constant ambient of 18°C.

Thermal Conductivity = 0.035W/(m.K)