



Submittal Data #147 E Thermocable

Short Form Specifications

The electric heat tracing shall be constant watt parallel resistance THERMOCABLE[®], supplied by Urecon.

Product Description

Urecon THERMOCABLE[®] is specifically designed for freeze protection of Urecon UIP[®] pre-insulated pipe. The THERMOCABLE[®] is a parallel resistance type heating strip which uses a thermally stable nichrome heating wire. The cable is has a series of heating zones which produce constant, predictable wattage per meter (*per ft*) output. Some of THERMOCABLE[®] features are:

- Smooth Teflon[®] overjacket permits easy conduit pulling
- Metallic ground braiding
- Can be cut to length in the field
- Moisture resistant

- Since Constant Watt cable does not have inrush current as with Self Limiting cables, smaller circuit breakers, wiring and fewer feed points are required resulting in reduced installation cost of the system.
- Cables are color coded for easy field identification. Helps eliminate the mistake of pulling in the wrong cable on projects where several cable types are being installed
- Over 20 years proven experience with millions of meters installed across North America
- All cable is CSA certified for wet locations

THERMOCABLE[®] can be used on any type of pipe, either metal or plastic. THERMOCABLE[®] is also available in several different watt densities and voltages as indicated on the Table 1.0.

Table 1.0 – THERMOCABLE[®] offered by Urecon

Part Number	Color	Watts		Volts	AWG	Maximum Circuit Length	
		per meter	per foot			meters	feet
C7-120-COJ	Blue	7	2	120	12	140	450
C8-120-COJ	Red	8	2.4	120	16	80	275
C13-120-COJ	Yellow	13	4	120	12	125	400
C10-240-COJ	Green	10	3	240	12	245	800
C13-240-COJ	Red	13	4	240	12	245	800
C20-240-COJ	Orange	20	6	240	12	200	650
C26-240-COJ	White	26	8	240	12	175	570
C13-575-COJ	Clear	13	4	575	12	425	1400
C20-575-COJ	Red	20	6	575	12	365	1200

Accessories

Urecon also provides electrical accessories for the THERMOCABLE® (power feed kit, splice kit, ect.) A complete listing of the electrical accessories can be found on table 1.1.

Table 1.1 – Accessories for THERMOCABLE®

A1333-12-COJ	Power and end termination kit for #12 AWG bus cable
A1333-16-COJ	Power and end termination kit for #16 AWG bus cable
E1336-COJ	Three pack end termination kits for #12 and #16 AWG bus cable
S1334-12-COJ	Splice Kit for #12 AWG bus cables
S1334-16-COJ	Splice Kit for #16 AWG bus cables
PFK 1	6m (20ft) power feed kit; contains all necessary material to connect two #12 AWG bus wire THERMOCABLE® on pre-insulated pipe to a Urecon Controller
PFK 4	3m (10ft) power feed kit; contains all necessary material to connect a 120 volts THERMOCABLE® on pre-insulated pipe to a Urecon Controller

CANADA

1800, av. Bédard
 St-Lazare-de-Vaudreuil (Québec) J7T 2G4
 Tél.: (450) 455-0961 Fax: (450) 455-0350
 E-mail: sales.east@urecon.com

5010-43 Avenue
 Calmar, Alberta T0C 0V0
 Tel: (780) 985-3636 Fax: (780) 985-2466
 E-mail: sales.west@urecon.com

WEB SITE: www.urecon.com

UNITED STATES

4185 South US1, Suite 102
 Rockledge, Florida 32955
 Tel.: (321) 638-2364 Fax: (321) 638-2371
 E-mail: sales.usa@urecon.com

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 Registered Company

Local Representative

