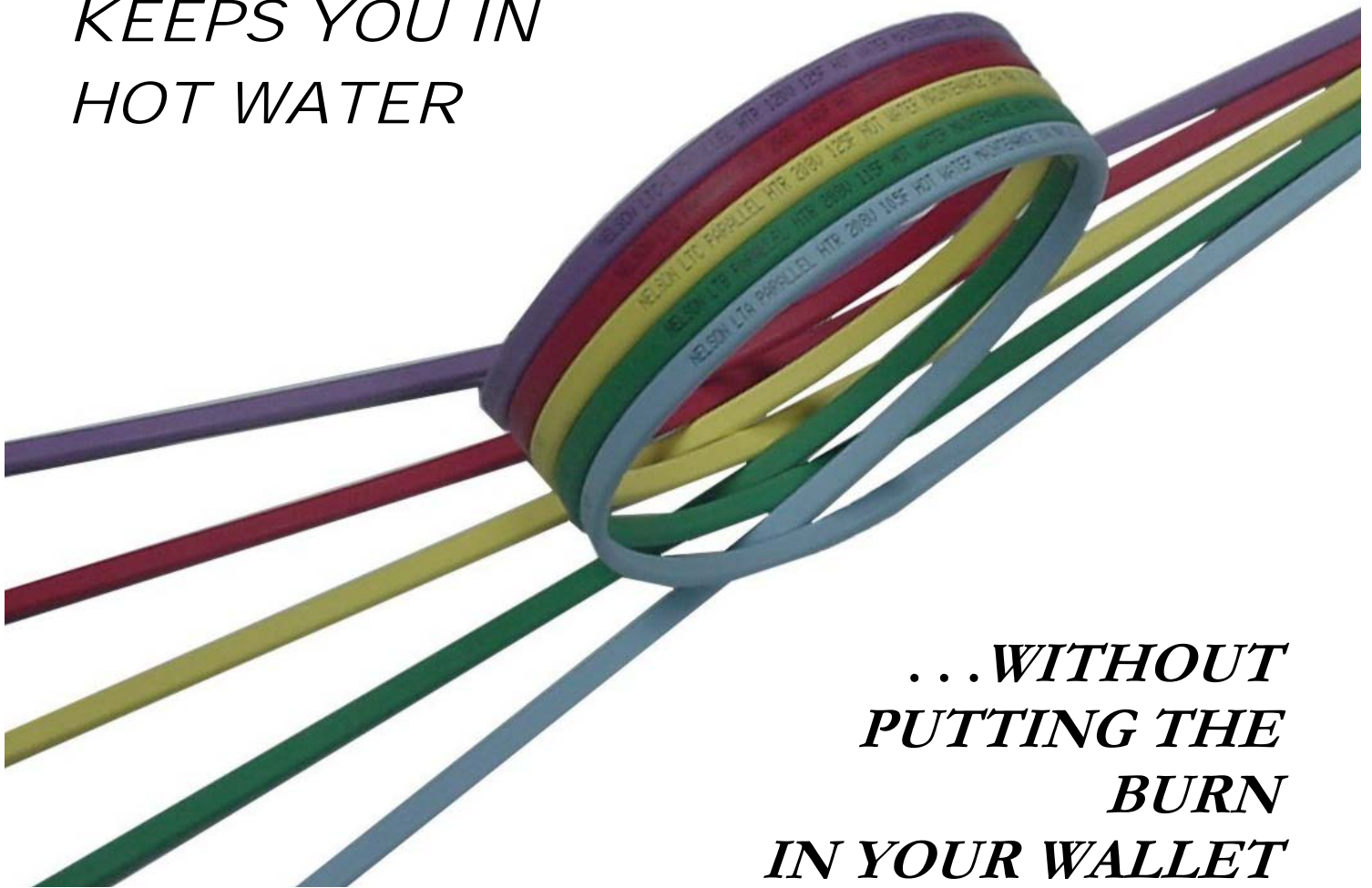


*DOMESTIC HOT WATER
TEMPERATURE MAINTENANCE SYSTEM*

*NELSON,
KEEPS YOU IN
HOT WATER*



*...WITHOUT
PUTTING THE
BURN
IN YOUR WALLET*

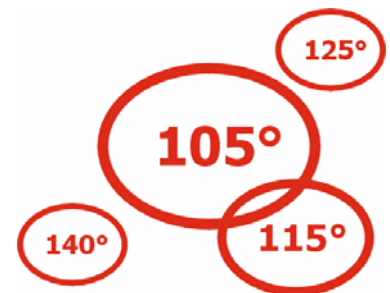
**Self-Regulating Domestic Hot Water Maintenance Heat Tracing Cable –
Providing a consistent water temperature for large multitap
applications such as hotels, correctional facilities and hospitals.**

SELF-REGULATING CAPABILITIES, ENVIRONMENTAL SAFEGUARDS AND A SOLID DESIGN MAKE THE SELF-REGULATING SYSTEM THE WISEST CHOICE FOR A VARIETY OF COMMERCIAL FACILITIES INCLUDING HOSPITALS, HOTELS AND CORRECTIONAL INSTITUTIONS. UTILIZING SELF-REGULATING TECHNOLOGY, THE CABLE IS DESIGNED TO SUSTAIN NOMINAL HOT WATER TEMPERATURES OF 105°F, 115°F, 125°F OR 140°F, CONSISTENTLY MAINTAINING YOUR WATER SUPPLY AT A PRESCRIBED TEMPERATURE. >IN ADDITION, THIS EXCEPTIONAL PRODUCT SENSES CHANGES IN TEMPERATURE ALONG THE ENTIRE LENGTH OF YOUR PIPES AND EASILY ADJUSTS POWER OUTPUT ACCORDING TO THE APPLICATION AND ENVIRONMENTAL CONDITIONS. BECAUSE OF ITS DURABLE DESIGN, SELF-REGULATING HEATER CABLE IS A SUPERB CHOICE FOR A VARIETY OF COMMERCIAL APPLICATIONS SUCH AS FREEZE PROTECTION OF WATER LINES, FIRE PROTECTION SYSTEMS AND STRUCTURE DEICING, AS WELL AS, INDUSTRIAL APPLICATIONS THAT INCLUDE TEMPERATURE MAINTENANCE OF PIPING AND VESSELS LOCATED IN ORDINARY AND HAZARDOUS (CLASSIFIED) AREAS.

The Smart System



More traditional recirculating boiler systems are costly and grossly inefficient in comparison to our Self-Regulating heat tracing cable. >Consider: The Self-Regulating system consists of fewer components, requires no multiple tracing and no spiraling, which reduces time spent on design and installation. And it completely eliminates the need for the multitude of return pipes, pumps and valves necessary in the boiler's setup. >Self-Regulating advantages aren't limited to installation, savings are also found in the system's operation. Because our cable only heats when and where it is needed, energy is conserved. So are your finances. >Maintaining a constant temperature at a fraction of the cost, near effortless installation and guaranteed dependability – the only excuse you could possibly have for not using Self-Regulating Heater Cable in your commercial facility is a fondness for antiques.





Easy Does It

The heating cable is fastened directly to the pipes, running their full length and creating a symbiotic relationship, which allows the cable to gauge any changes in water temperature. Sensing a decrease or increase in temperature, the conductive core then adjusts it's own power output in response, and produces a consistent flow of perfectly heated water – no hot spots, no burnouts, no recirculation. Efficient. Cost Effective. Easy.

Selection is simple,
>Select your desired water maintenance temperature and pipe size. It's that simple, Limitrace does the rest.

105° F. HOT WATER SYSTEM LT-A @ 208V								
Insulation Thickness*	Copper Pipe Diameter – Inches							
	1	1-½	2	2-½	3	4	5	6
0.5"								
1.0"								
1.5"								
2.0"								

Bypass The Unexpected

Nelson's defining characteristic has always been a commitment to customer service. Our representatives not only support you throughout the design and installation process, they can also assist you in troubleshooting and providing input to your maintenance program.

>Because most cost overruns occur in the installation process due to poor planning and unexpected circumstances, we bypass the unexpected by keeping installation in mind from the very beginning. Our skilled representatives take into account products application, environmental conditions and future changes which may affect your system. A focused, detail-oriented design means a sound installation, with no shortcuts or rework. >Keeping costs to a minimum.

Preventing problems before they arise. Getting it right the first time.

At Nelson, that's business as usual.

NO RECIRCULATION

Return piping, balancing valves and pumps required in a recirculation system are eliminated in a Nelson Heat Tracing system. And unlike a recirculation system, branches and risers can be traced easily.

Creating a Custom System

To assist you in designing your custom heating system we've developed a convenient, user-friendly guide available in both hard copy and electronic online format. For access to our design guides, more information on our products and services, or a personal system assessment, contact your local representative, Or visit us online at www.nelsonheaters.com. Refer to the following brochures:

- Domestic Hot Water Temperature Maintenance System Specification/Application #316-SA-010
- Domestic Hot Water System Accessories #309-SG-040
- Domestic Hot Water Temperature Maintenance System Bill of Material 208V # 316-SA-011
- Domestic Hot Water Temperature Maintenance System Bill of Material 120V # 316-SA-012

Nelson Heat Tracing Systems products are supplied with a limited warranty. Complete Terms and Conditions may be found on Nelson's website at www.nelsonheaters.com.



Nelson Heat Tracing Systems:

Nelson™ is a leading manufacturer offering a complete line of quality heat trace products - Self-Regulating heating cable, Constant Wattage heating cable, Mineral-Insulated heating cable and the CM-1 and CM-2 systems.

Should you have questions regarding the applicability of heat trace systems and products in your environment, Nelson also offers complete engineering and design services for technical assistance and specific custom installation.

Proven in the field... success on the job...Nelson should be your choice. Call or write us today about your installation or heat trace needs.

REMEMBER NELSON.
WE'VE GOT THE LOCK
ON HEAT TRACE.



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