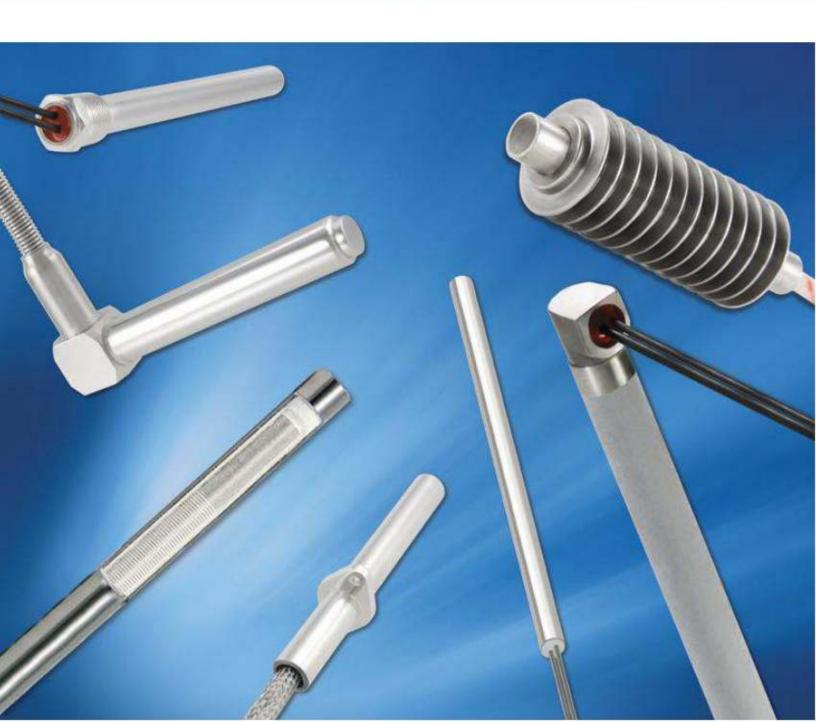


Cartridge Heater Solutions





who is Nexthermal?







Nexthermal is a new name for a company that has focused passion and energy toward the creation of electric heating elements, systems and engineering services since 1986.

Nexthermal solves heating application challenges and creates dramatic process capability improvements for our customers.

Our customers' requirements, product development plans and competitive position in the marketplace drive our smart heat management innovation. Ingenuity, collaboration and a sense of urgency converts concepts to products and capabilities.

If heat is vital to your process...

add Wasthermal to your team!

As you engage Nexthermal our goal is that you conclude we are:

Approachable — Sincerely committed to help you.

Dynamic — Responding with a sense of urgency.

Knowledgeable — Your heat management expert.

International — American roots with a global reach.

Standard Cartridge Heater Configuration Chart Diameter Tolerances Construction Sheath Material Standard Premium Maximum High Medium Thermo-Swage to Stainless Incoloy Centerless Heater Watt Watt couple \$\$321 Diameter eheat Size 800 NPT Size **Grind Tolerance** Length Density Density Tolerance J K 125" 1240-.1201" 4.0" Teffon Plug & Leads Only 250" 248-244" 2488-.2472" 60.0" 125 . . • . . . 3125 3105-3066" 3114-.3098" 70.0" 125 373-369" 3732-3717 80.0" 375 250' 498-.494" 4972-4957 500 100.0 . . 375 625 .623-.619" 6232-6217 100.0 500 6875 6866-.6850" 100.0" . 500" 7492-.7476" 748-.744" 750" 100.0 750" 1.0" 9984-.9969" 100.0" 1.00" . 6.2mm 6.18-6.14mm 1524 mm 6.5mm 6.48-6.44mm 1524 mm 125" 7.0mm* 6.98-6.94mm 1524 mm . . . 125" 8.0mm 7.98-7.94mm 1178 mm . . 0 0 . . 9.0mm* 8.98-8.94mm 1178 mm 9.5mm* 9.48-9.44mm 250" 2032 mm 10.0mm 9.98-9.94mm 2032 mm 250" 2032 mm 10.98-10.94mm 11.0mm* 8 12.0mm* 11.98-11.94mm 2540 mm 12.5mm 12.48-12.44mm 2540 mm 0 375" 13.0mm* 12.98-12.94mm 2540 mm 13.98-13.94mm 2540 mm . 14.0mm* 14.98-14.94mm 15.0mm* 2540 mm . . 500" 16.0mm 15.98-15.94mm 2540 mm . 17.5mm* 17.48-17.44mm 2540 mm 2540 mm 17.98-17.94mm 18.0mm* 18.98-18.94mm 2540 mm 19.0mm* 750 20.0mm 19.98-19.94mm 2540 mm 750" 22.0mm* 21.98-21.94mm | 2540 mm *Non Standard Metric Diameters with Special Construction Temp. Rating Movement Moisture 'C Good Not Recommended Ceramic 1000 538 Silicone - Standard 500 260 Excellent Excellent Potting 650 343 Excellent Excellent Silicone - High Temp. Options Ероху 600 Very Good 315 Very Good Teflon® Plug 450 232 Very Good Not Recommended Fiberglass (Standard) 482 250 Good Not Recommended Teflon® 500 260 Excellent Excellent Lead 356 180 Excellent Excellent Silicone Options Silicone Cable 356 180 Excellent Excellent Not Recommended High Temp. Fiberglass 932 500 Not Recommended **Lead Protection** Exit and Removal Braided Gas Proof Right Angle Fiberglass Right Angle Knock Out Armor Flange Metal Sleeve Cable Armor Block Tab Exit Sleeve This chart is representative of standard cartridge heater configurations. Please call Nexthermal at 269-964-0271 for additional options, special configurations, and assemblies



Industrial Heat Sources

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Nexthermal heaters...

