High-Temperature Heater for Pipes and Tubes

120" Long with Wire Leads

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| Heater Type | Cable |
| Heat Cable Type | Constant Wattage |
| Length | 120" |
| Wattage | 500 W |
| Watt Density | 50 W/ft. |
| Voltage | 120V AC |
| Electrical Phase | Single |
| Current | 4.2 A |
| Temperature Control Type | None |
| Maximum Heat Output | 900° F |
| Power Source | Electric |
| Electrical Connection Type | Hardwire |
| Wire Connection Type | Wire Leads |
| Cable Material | Nickel Alloy |
| Cable Cover Material | Fiberglass |
| For Surface Material | Metal |
| For Use Outdoors | No |
| Thickness | 0.17" |
| Environment Temperature Range | -100° to 900° F |
| RoHS | RoHS 3 (2015/863/EU) Compliant |
| REACH | REACH (EC 1907/2006) (01/19/2021, 211 SVHC) Compliant |
| DFARS | Specialty Metals COTS-Exempt |
| Country of Origin | United States |
| USMCA Qualifying | No |
| Schedule B | 851680.0000 |
| ECCN | EAR99 |
| Related Product | [Variable-Voltage Controller](https://www.mcmaster.com/3641K27/#3641K43) |

With a maximum heat output of 900° F, these heaters are often used for thawing frozen pipes and rapid spot heating.  They supply the same wattage regardless of the surrounding temperature, so they're less prone to power surges than self-regulating heaters. All require a variable-voltage controller (sold separately) for regulating heat output.  To prevent burnout, heaters must not be overlapped and must be in full contact with the surface being heated.

Note: Only install these heaters in accessible locations; do not install them behind walls, underground, or in other difficult-to-access areas. Use [fiberglass tape](https://www.mcmaster.com/fiberglass%20tape) or [heat-transfer putty](https://www.mcmaster.com/heat-transfer%20putty) to install them directly on surfaces that are free of dirt, grease, and rough edges. Do not use electrical tape, duct tape, metal bands, or wire. To prevent heat loss and protect heaters from moisture and corrosion, wrap them with [fiberglass insulation](https://www.mcmaster.com/fiberglass%20insulation).