

TECHNICAL HEATERS, INC.

HEAT / LINE HOSE OPERATING INSTRUCTIONS

1. WHEN REMOVING HOSE FROM SHIPPING CARTON OR SPOOL, CARE SHOULD BE TAKEN TO AVOID KINKING (SEE MINIMUM BEND RADIUS IN BROCHURE). AT THIS TIME, READ ALL TAGS ATTACHED TO HOSE TO CHECK OPERATING SPECIFICATIONS.
2. AVOID RUNNING OVER HOSE WITH ANY VEHICLES OR IMPLEMENTS.
3. DO NOT OPERATE HOSE IN A COIL OR AN OVERLAPPED CONFIGURATION. THE CONCENTRATION OF HEAT MAY CAUSE SEVERE DAMAGE.
4. HEAT/LINE HOSES ARE NOT SELF-CONTROLLED AND MUST BE USED IN CONJUNCTION WITH A TEMPERATURE CONTROLLER OR OTHER APPROPRIATE MEANS OF CONTROLLING TEMPERATURE AT THE DESIRED OPERATING LEVEL.
5. NOTE, MAXIMUM OPERATING TEMPERATURE MUST NOT BE EXCEEDED. CHECK TEMPERATURE LIMIT OF YOUR MODEL IN OUR CATALOG.
6. SERIES 600 WATER HOSES ARE DESIGNED PRIMARILY FOR FREEZE PROTECTION AND INCORPORATE NO THERMAL INSULATION. EXCEPT WHEN CURRENT DRAW IS A CONSIDERATION OR FOR PROCESS CONTROL TEMPERATURES. HOSES MUST BE FILLED WITH WATER BEFORE POWERING TO AVOID OVERHEATING, WHICH WILL RESULT IN SEVERE DAMAGE.
7. HEAT/LINE HOSES AND HEATED LINES ARE DESIGNED TO OPERATE ON STANDARD LINE VOLTAGES (120V, 240V, OR 480V) AS SPECIFIED OR AS TAGGED.
8. IF YOUR HOSE HAS A BUILT IN MINIATURE THERMOSTAT, IT SHOULD BE USED THROUGH A RELAY OR CONTROLLER FOR OVER-TEMPERATURE PROTECTION ONLY. WE DO NOT RECOMMEND ITS USE FOR REGULAR OPERATIONAL TEMPERATURE CONTROL.
9. HOSE COUPLINGS SHOULD BE SUPPORTED AND HELD WHEN CONNECTING TO PREVENT TWISTING, WHICH WILL BREAK THE SEAL BETWEEN THE COUPLINGS AND THE HOSE.
10. IF YOUR HOSE HAS A BUILT-IN TEMPERATURE SENSOR AN/OR THERMOCOUPLE, IT IS LOCATED (2) TWO FEET FROM THE POWER LEAD END (UNLESS OTHERWISE SPECIFIED).

PLEASE NOTE: THE TEMPERATURE INSIDE THE CORE WILL BE HIGHER THAN THE TEMPERATURE OUTSIDE THE CORE, WHERE THE SENSOR IS LOCATED. THE TEMPERATURE DIFFERENCE WILL VARY WITH EACH APPLICATION, DEPENDING ON THE FLOW RATE THROUGH THE HOSE.

CAUTION: CERTAIN HOT MELTS WITH "HIGH DUROMETER" HARDNESS AT ROOM TEMPERATURE MAY REQUIRE HOSE TO BE HEATED BEFORE INSTALLATION-OTHERWISE BENDING MAY DAMAGE HEATER OR HOSE LINER.

WARNING: DO NOT WRAP HOSE WITH TAPE OR OTHER INSULATING MATERIALS. DO NOT OPERATE HOSE WITH FRAYED OR DAMAGED INSULATION OR PERSONAL INJURY MAY RESULT. DO NOT ATTEMPT TO PUMP HOT MELT INTO HOSE WITH COLD DISCHARGE FITTING OR DANGER TO HOSE AND/OR PERSONAL INJURY MAY RESULT.

CAUTION: EMPLOY THIS PRODUCT ONLY WITH CHEMICALS WHICH WILL NOT AFFECT THE INTEGRITY OF THE HOSE.

CAUTION: IF CUSTOMER SUPPLIED HOSE - EMPLOY HOSE MATERIAL COMPATIBLE WITH CHEMICALS THAT ARE INTENDED TO BE USED.



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