

Heat Block

Heat absorbing paste from Alvin Products. Superior in preventing heat transfer.

Description



Alvin Products' **HEAT BLOCK** is a "heat sink" which insulates against heat transfer during welding, soldering, brazing or other heat treatment. Its unique heat absorption properties protect closely soldered parts, valve gasketing, thin gauge metal, and other materials exposed to damage during repair and installation work. HEAT BLOCK is used to protect wire insulation when soldering connections, and to protect plastic drain pipes in close proximity to metal pipes being replaced and soldered. HEAT BLOCK prevents distortion to light gauge metals, protects rubber and plastic components, and protects painted or finished surfaces during adjacent soldering, brazing or welding.

Saves time and money: Eliminates need to disassemble of piping or parts to be soldered or welded.

Reduces hazards:

Non-toxic formulation for ease of handling. Helps prevent burns and reduces fire hazards. (Alvin Products' HEAT BLOCK is currently used by Massachusetts fire officials for training and fire prevention exercises).

Surpasses similar products: Tested against a more expensive product, HEAT BLOCK exceeded the performance in all tests (galvanized, iron, and copper).

USES: HEAT BLOCK is used in welding, automotive, plumbing, HVAC, shipyard industries, as well as many specialized industries, for the prevention of unwanted heat transfer.

WELDING:

- ...Prevent surface discoloration of welded stainless
- ...Protect surrounding surfaces from flame
- ...Prevent damage to valves close to weld area
- ...Prevent spatter from adhering to surrounding surfaces
- ...Prevent soldered joints from loosening during heat treatment

PLUMBING/HVACR:

- ...Protect surrounding surfaces from flame and heat
- ...Protect pipe insulation from flame and heat damage

AUTOMOTIVE:

- ...Protect painted surfaces, wiring, tubing (plastic & rubber)
- ...Protect against distortion of thin sheet metal when soldering
- ...Protect plastic piping in close proximity to flame being applied to metal piping
- ...Prevent damage to adjoining valves and washers during sweating and soldering
- ...Minimize heat transfer down pipes and onto nearby surfaces



Heat Block absorbs surface heat, protecting adjoining surfaces that may be damaged by welding, soldering or brazing.

SHIPBOARD:

- ...Protect bulkheads when welding and pipe sweating
- ...Protect cable from heat and flame during welding and plumbing repairs
- ...Protect valve gaskets during plumbing repairs

DIRECTIONS:

1. Clean surface of all dirt and grease prior to applying HEAT BLOCK.
2. Mold HEAT BLOCK around the section of pipe (or other item or area) to be protected. A thick layer (1/2" – 3/4" or more) should be applied, completely surrounding the area to be welded or soldered.
3. Press firmly to eliminate air pockets or voids.

Once the repair or heat treatment is complete, simply remove HEAT BLOCK with a damp rag or water.

HEAT BLOCK is available in pint, quart, gallon and five-gallon containers.

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FROM THE MAKERS OF LAB-METAL