

HTM-1250

Heat Transfer Cement



Description

HTM-1250 heat transfer cement is designed to significantly improve the heat transfer between tracers and process lines. Heat transfer cement thermally bonds steam and electric heat tracers to process pipes, valves, pumps and other equipment. HTM-1250 fills the air cavities that normally exist between the heat tracer and process equipment with heat conductive, thermal mastic that efficiently transfers heat through conduction to the process equipment. By replacing the normal air gaps with the heat conductive cement, the heat transfer rates are improved by up to 10 times that of convective heat transfer.

Ratings

Maximum Exposure Temperature: **1250°F(677°C)**
Minimum Application Temperature: **32°F(0°C)**
Heat Transfer Coefficient: **20-40 BTU/Hr-Ft²F (114-227 w/m² °C)**
Bond Shear: **150 lbs/in²(1,034kPa)**
Soluble in Water
Shelf Life: **1 Year Unopened**

HTM MANUFACTURING
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HTM-1250

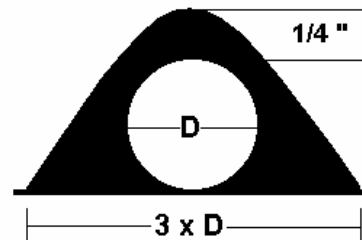
Heat Transfer Cement

Features

- Thermally bonds steam, fluid, and electric heat tracers to process pipes, vessels and equipment.
- With its high conductivity, significantly improves heat transfer between steam and fluid tracer tubes and process pipes; also plate-type steam, fluid and electric heating coils installed on storage and processing tanks.
- Provides an easy to install, cost effective alternative to jacketed piping and internal tracer systems.
- One tracer installed with HTM-1250 will deliver the equivalent heat of up to four bare (no HTM) tracers. With the elimination of multiple tracers, the costs to install and maintain the tracing system is greatly reduced.



Optional HTM Channel reduces waste, weather protects and eliminates curing requirements



Ordering Information

HTM-1250-1	One Gallon (3.8 liter)	13 Lbs(5.9kg)
HTM-1250-5	Five Gallon (18.9 liter)	65 Lbs(29.4kg)
HTM-1250-Q	Quart Size (.9 liter)	3.5 Lbs(1.6kg)
HTM-1250-C	0.10 Gallon Cartridge	1.3 Lbs(.6kg)

Accessories

HTM#2	Channel For 1/4" Tracer(4' Length1.2m)
HTM#4	Channel For 1/2" Tracer(4' Length1.2m)
HTM#7	Channel For 3/4" Tracer(4' Length1.2m)
HTM-SSB	Stainless Steel Banding (100 Ft.33m)
HTM-SSCR-1	S.S. Crimp Seals for Banding (ea)



Typical hand trowel application

Note: Safety Data Sheet (SDS) available.

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