

THERMAL CONDUCTING CEMENTS



FAMILY-OWNED & OPERATED  
SINCE 1954

## TRACIT Heat Transfer Compounds Applications & Benefits

For over 70 years, Chemax TRACIT heat transfer compounds have been an integral component of heat tracing systems. Chemax compounds are essential for maximizing heat transfer rates and improving thermal efficiency.

The primary purpose of TRACIT compounds is to improve the heat transfer between two surfaces by increasing the contact area and eliminating the air flow. Heat is then transferred directly to the pipe wall by conduction. **Only one TRACIT line is required to maintain pipe temperature, where 3-5 bare (convection) tracers would otherwise be needed.**

Due to the excellent adhesive properties of these compounds, they can be applied to almost any clean surface.



*Figure 1: Typical Heat Tracing Application*



*Figure 2: Tracit being applied to bare tracer.*



*Figure 3: Cured Tracit cement creates uninterrupted thermal bridge between tracer and pipe wall.*

## Advantages

**User-Friendly:** TRACIT heat transfer compounds are pliable and have a putty-like consistency, which allows for easy application by mortar trowel.

**Durable:** Can withstand considerable mechanical and thermal shock.

**Fire-Resistant:** Compounds will not burn or support combustion.

**Safe:** Chemax compounds are non-hazardous.

**Reliable:** Over 70 years of proven performance.

**Low-Cost:** Heat transfer compounds cost far less than jacketed systems and provide an equivalent heat transfer with steam tracings.

**Contact a representative for additional information!**

