

PPG Hi Temp 1027



MISL



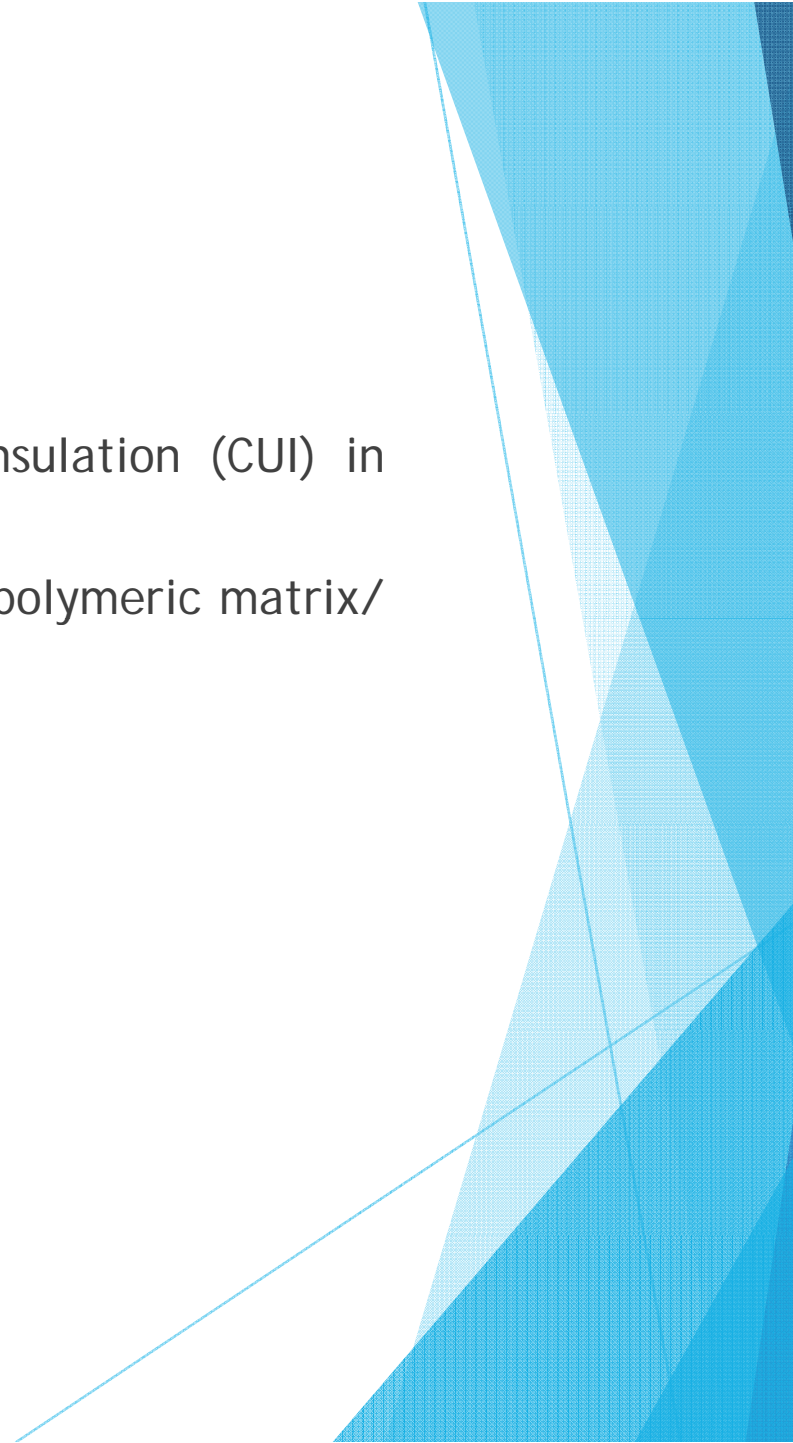
PG Hi Temp 1027

What is Hi Temp 1027?

It is a heat-resistant coating prevents corrosion under insulation (CUI) in extreme temperature ranges.

It is a one-component, high-build heat-resistant inert multipolymeric matrix/inorganic ceramic coating.

It is available in black, gray and light gray color.



PG Hi Temp 1027

Principal Characteristics

Proven, long-lasting protection

- PPG HI-TEMP 1027 coating is specifically to operate in extreme temperature conditions where pipes and other assets are exposed to process temperatures ranging from -196°C to 650°C (-321°F to 1,200°F)

Resistance to boiling water

- PPG HI-TEMP 1027 is resistant to intermittent immersion in boiling water, it can withstand the repeated cycle of heat.

Heat and thermal shock resistance

- PPG HI-TEMP 1027 heat-resistant technology is able to withstand severe cyclic conditions in the cryogenic temperature range through to an elevated temperature of 650°C (1,200°F), with no affect on the coating.

PPG Hi Temp 1027

Principal Characteristics

Direct application to hot steel up to 316°C (600°F)

- We have developed PPG HI-TEMP 1027 so that it can be applied directly to hot operating equipment and surface application temperatures up to 316°C (600°F). This reduces expensive plant shutdowns and potential revenue losses.

Excellent choice for maintenance - easy for touch-up and repair

- PPG HI-TEMP 1027 coating is surface tolerant, and can be applied to tightly adhering rust in maintenance and repair situations.

Simple to use

- PPG HI-TEMP 1027 provides an efficient alternative. It is a single-component material, which can be applied by spray, brush and roller, and dries by air, so no heat cure is required.

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Benefits

Resistant to extreme temperature ranges

Prevents corrosion under insulation (CUI) in insulated- and non-insulated services

Ideal solution for hot and cryogenic service

Reduces downtime as it can be applied directly to hot operating equipment.

Prevents chloride-induced external stress corrosion cracking of insulated austenitic stainless steel



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Benefits

Excellent UV stability to prevent corrosion of non-insulated surfaces subject to atmospheric exposure

Simple to use: one-component, surface tolerant, and open recoat window

Proven worldwide track record with excellent results



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BASIC DATA

Volume solids

- 72%

Recommended DFT

- 125 - 250 microns

Theoretical Spreading rate

- 5.8 m²/l for 125 microns
- 2.9 m²/l for 250 microns

Shelf life

- At least 24 months when stored in cool and dry

Dry to insulate/service

- 48 hours at 20 Celsius



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Application

Air spray

Air less spray

Brush/ Roller



Thank you!

