



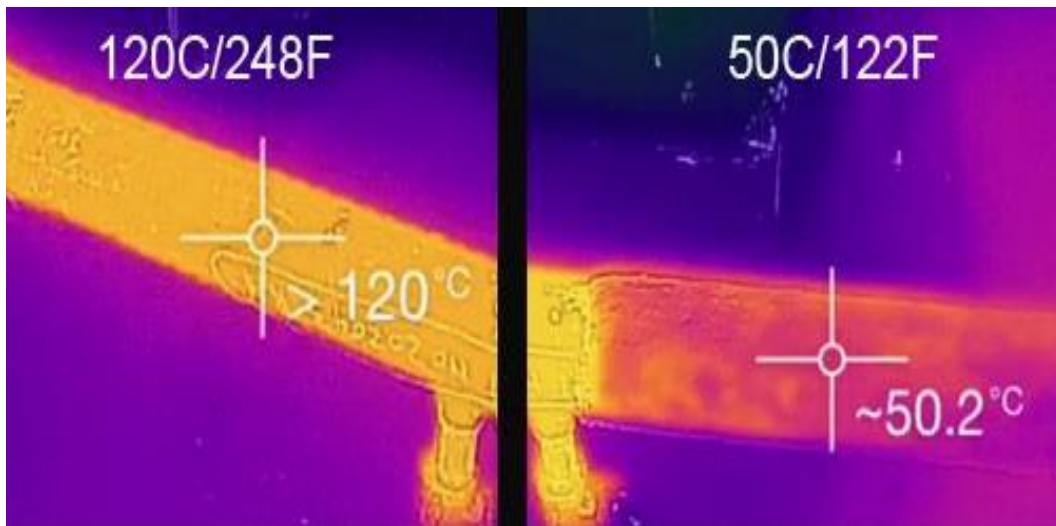
Dry Tech Aerogels (Pty) Ltd

Elementum Hot Surface Protector

This formulation is arguably the best in the world.

The coating is designed to protect and insulate hot surfaces and has many applications in numerous industries including district heating, HVAC, petrochemical etc. Dry Tech Aerogels hot surface

coating is a polyurethane, water based, nonflammable, green product with insulation properties from - 360°C up to 1400°C, and *can be tailor made to fit any requirement*. It is also hydrophobic and breathable, allowing condensation to escape and will not allow any rust to form on a steel substrate. It is 98% air in a solid structure. It does not rely solely on its porous structure for its insulation ability but also encompasses the benefit of blocking emissivity.



Client: Large Paper Mill

Surface: Steam Pipe

Number of Coats: 7

Total applied thickness: 1.75 mm (0.25 mm per coat)

Uncoated Temperature: 120oC

Cure time after application: 24 hours

Elementum Insulated Temp: 50oC

Temperature Reduction: -70oC

What does this mean for you?

- You can easily spray on a thermal insulation coating.
- Comes with 20 year guarantee.
- No more corrosion under insulation worries.
- No more need to put on exterior jacketing.
- No more insulation that degrades in just a year or two due to moisture or dirt.



This heat blocking coating performs extremely well on piping, air and heat duct work, exposed water pipes, tanks, oxygen lines, steam lines, refrigeration equipment, cryogenics, and condensation control.