

KLAY EnerSol's I-Cover 3M Nextel products provides an effective and easy to install solution for industrial insulation requirements. Engineered to withstand extreme operational conditions whether it be the interface between the external and internal of a furnace or inside the furnace itself. Designed and fabricated by KLAY EnerSol, our Nextel based product can be made into any shapes from as simple as a pipe section insulation to as complex as a multi-tube furnace opening seal.



Furnace Seal

PROBLEM

- ✔ Ethylene cracker was experiencing air ingress with their current furnace seal.

CHALLENGES

- ✔ Extreme operational environment. Temperatures up to 1300°C.
- ✔ Tube movements & vibrations throughout operations.

SOLUTIONS

- ✔ KLAY EnerSol supplied pre-fabricated furnace seal custom designed to fit the ethylene cracker unit.

OUTCOME

- ✔ Minimum cold air ingress at the furnace opening.
- ✔ Maintain optimum sealing throughout operation, absorbing tube movements & vibrations as per designed.



Before



After

For more info, visit us @