C R O N Y E L E C T R O N I C S P V T L T D

INNOVATIVE CLEAN & GREEN TECHNOLOGY SOLUTION PROVIDERS

ENERGY & SUSTAINABILITY WARRIORS

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Insulation Jacket/sleeve/cover

Used to reduce industry pollution, environmental protection and energy saving

Used to reduce heat loss from steam/gas/heater to surrounding air

Applications areas:

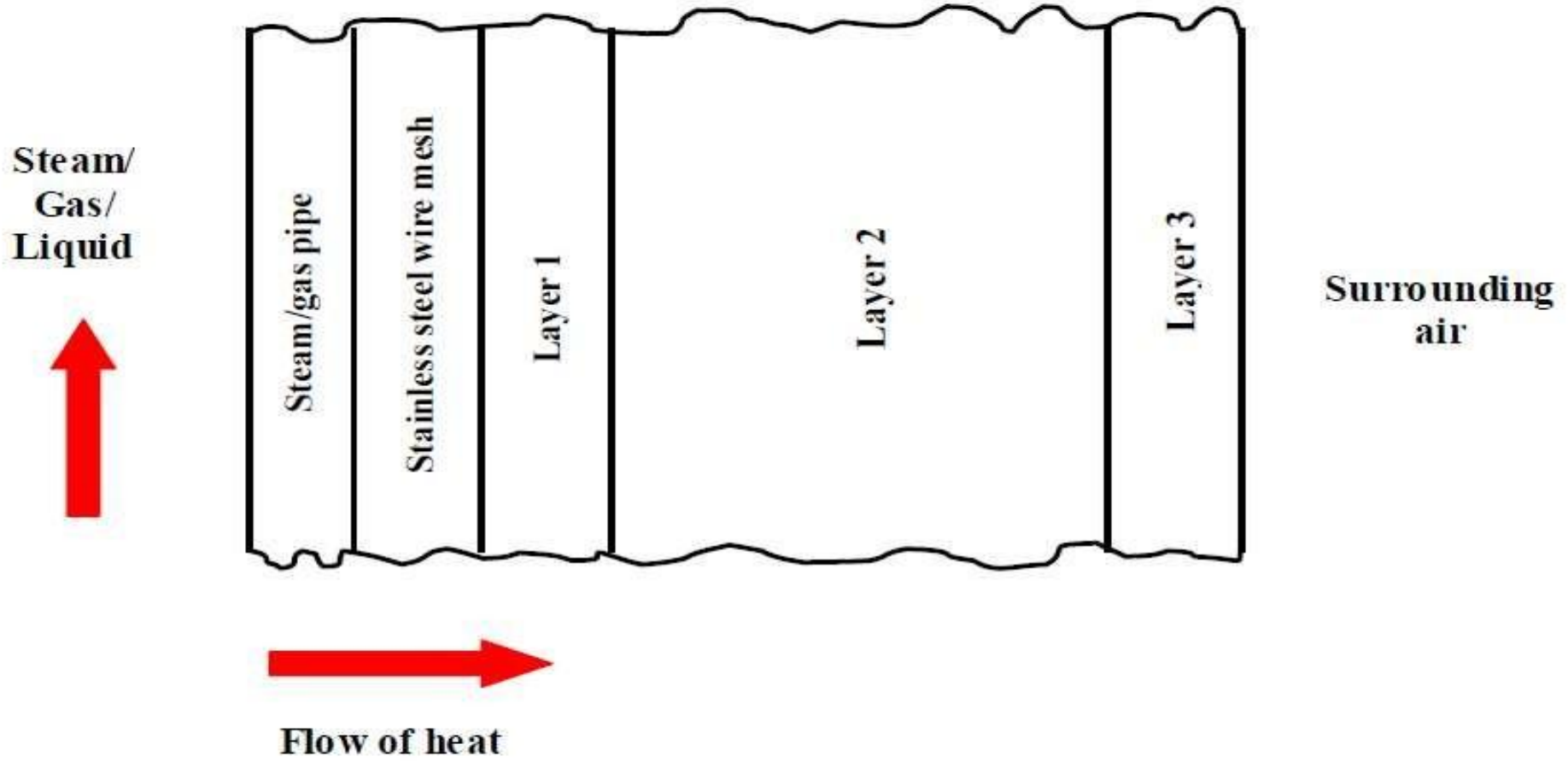
Flanges, valves and other fittings available on the steam line, steam line, exhaust manifold, boilers, heaters, furnace, turbine, etc. of all process industries

Salient features of jacket:

- It is removable and multilayer
- It is designed based on the concept of critical radius of insulation
- Good insulating properties and excellent tensile strength
- Excellent flame & chemical resistance. Good water penetration resistance

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Temperature Distribution



Our innovative & cost effective products

- Removable energy saving jackets/sleeve/covers
- Insulation for exhaust manifold
- Industrial bellows
- Steam/gas turbine insulation
- Pump insulation covers
- Welding curtains
- Boilers
- Furnaces

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Bare flange temperature

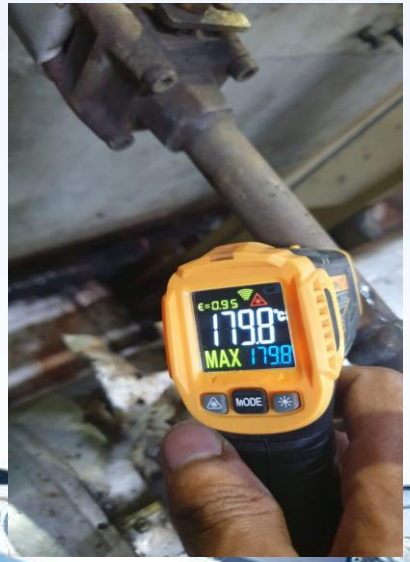


Insulated flange temperature



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Bare pipe temperature



Insulated pipe temperature



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FUEL SAVING RESULTS AT MONDELEZ FOODS MALANPUR

- Average fuel to steam ratio before insulation = 0.195
- Average fuel to steam ratio after insulation = 0.179
- Percentage reduction in fuel to steam ratio = 8.2
- Average per day fuel consumption before insulation = 10.62 Ton
- Fuel saving per day due to insulation = 0.87 Ton
- Per Ton cost of Pellet = Rs 10,000
- Per day cost saving due to insulation = Rs 8,708
- Per month cost saving due to insulation = Rs 2,61,240

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Flange insulation



Valve insulation



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Pump insulation



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Steam turbine insulation



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Vehicle silencer insulation



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Jacket installation on heater of injection moulding



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Potential area of insulation (Flanges/valves/steam pipe, strainer)



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Cost effective and invaluable benefits of Jacket

- Carbon credit
- Conserve energy by reducing heat loss
- Facilitate temperature control of a process
- Reduction of formation of Nox and unburned hydrocarbons in the exhaust gas
- Prevent condensation of steam
- Prevent or reduce damage to pipe/fittings from exposure to fire
- Reduce the chances of leakage of steam from the fittings
- Worker safety
- Increase worker efficiency by reducing temperature of shop
- Reduction in pollution by conserving energy
- Increase in life of flanges and valves by reducing chances of rust formation
- Reduction in maintenance

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THANK YOU

CRONY ELECTRONICS PVT LTD

insulation products for energy saving and protection of enviornment

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