



PMC CANADA LTD.

Removable Hard Covers - Cold Work

Installation Procedure:

1. Pipe Component Preparation:

All pipe, fittings, valves, flanges etc. to be insulated shall first be clean, dry, then wrapped with a polyethylene based film such as saran wrap, shrink wrap or other suitable mould release agent. This will facilitate separation of insulation from piping components when first removing insulation covers from piping system.

Make any necessary cut outs to properly fit the inner form pieces tightly together. The inner forms shall be temporarily secured together over pipe component with banding or filament tape. Banding or filament tape placement must be sufficient to control foam expansion, allowing no more than .25" greater diameter than the produced diameter of each original form.

Fill and vent holes must be drilled with sufficient spacing to jet and vent foam expansion consistently to insure adequate uniformity of injected insulation density within the aluminum form. Once 2 part polyisocyanurate foam has cured, remove all foam from exterior of aluminum form. Verify form is within the .25" max tolerance of expansion.

Make any necessary cut outs to properly fit and latch together the outer .032 stainless steel outer shell. Seal all penetrations and seams with a suitable silicon calking.

2. Removal and Reinstall:

Remove the outer shell by unlatching and running a knife through the silicon calking seal. Run a knife between the aluminum form halves cutting all the way through the cured polyisocyanurate insulation to the pipe component body. Gently pull each of the insulation halves away from the pipe component to expose for maintenance.

Reinstallation mandates resealing insulation halves created from removal. Resealing can be achieved by applying a bead of fresh polyisocyanurate foam, or silicon to each insulation half and at all additional points of contact of insulation halves to adjacent insulation, penetrations, etc. Assemble insulation halves together, install and latch outer .032 stainless steel shells together. Reseal outer cover with suitable silicon calking at all seams and penetrations.

Note: After first removal, outer shell cover can be permanently riveted to inner form, producing a removal 2pc hard cover. Insulation breach should be avoided until such insulation piping component must be exposed for maintenance.

