

### DESCRIPTION

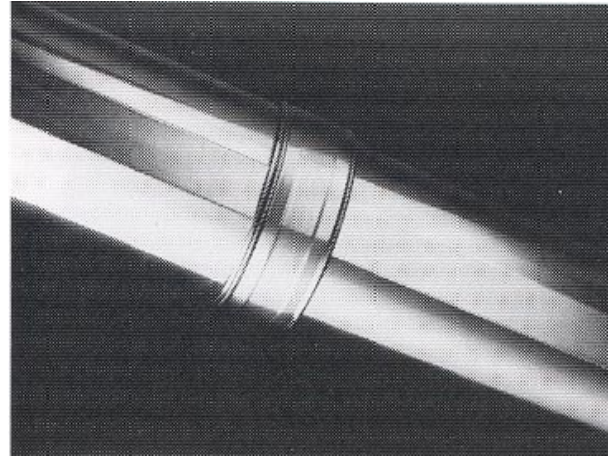
ITW's Lock-On (*Childers*) Z-Lock (*Pabco*) is a factory-fabricated metal jacketing system used throughout the thermal insulation industry. It is available in Aluminum, Stainless Steel. It can be applied over any insulation.

Lock-On / Z-Lock jacketing is supplied in 36" sections with a modified Pittsburg Z-Lock on the longitudinal seam. Each section of piping is supplied with a butt strap. When the butt strap is secured with a Fabstrap, the system is virtually weatherproof. The butt strap is two inches wide which allows for variations in butted conditions.

The standard thickness of metal are: Aluminum .016" and Stainless Steel .010". Other thicknesses are available upon request. Lock-On / Z-Lock jacketing is supplied with a moisture retarder in all metals. **Best suited for O.D.'s 16" (including insulation) and smaller.**

### POLYSURLYN MOISTURE RETARDER

Polysurlyn consists of a 3 mil thickness of a co-extrusion of polyethylene and DuPont's Surlyn® which is heat laminated to the metal jacketing. Due to its superior performance characteristics, it replaces the old standard 1 mil and 3 mil polykraft moisture retarders. **For cold rooftop and hot work cyclical applications, refer to Technical Information for recommendations.**



Wrap the jacketing around insulation and slip edge into the Z-Lock. Place the next section of jacketing around the insulation, and butt to the first section. Place strap around the butted metal sections. Place a Fabstrap (*Childers*) Pab-Band (*Pabco*) in the flattened butt strap center. Secure by slipping strapping into a seal and bending back. The finished joint is smooth, secure and durable. (*Note- prefabricated strap and seal bought separately.*)

### ADVANTAGES

Lock-On / Z-Lock jacketing is easy to install and may be easily removed for repair or inspection of pipe insulation. It requires no special cutting tools, rollers or lock-formers. It is extremely durable and will withstand mechanical abuse.

### SUGGESTED SPECIFICATIONS

All straight runs of pipe insulation are to be protected with ITW's Lock-On (*Childers*) Z-Lock (*Pabco*) jacketing. The jacketing is to be manufactured from (1) \_\_\_\_\_ (2) \_\_\_\_\_ \*. All jacketing shall have an integrally bonded polysurlyn moisture retarder over the entire surface in contact with the insulation. The jacketing is to be fabricated with a continuous modified Pittsburg Z-Lock on the longitudinal seam. Each butted section of jacketing is to be sealed with a butt strap, and secured with a Fabstrap (*Childers*) Pab-Band (*Pabco*).

**Note - Additional strapping may be advisable when using heavy gauge aluminum or steel jackets, or when pipe size diameters exceed 16" O.D., including insulation.**

\* (1) Available thicknesses: Aluminum .016", .020" or .024" , Stainless Steel .010", .016".

(2) Available metals: Aluminum, Stainless Steel, Painted Aluminum and Ultrolon.