

Zeston 2000/300 PVC Perma-Weld Jacketing System



Surface Temperature Limits: -20°F to +150°F (-29°C to +66°C)

Description

The Zeston PVC/Perma-Weld protective jacketing system consists of pre-molded Zeston 2000/300 PVC insulated fitting covers, Zeston 2000/300 PVC jacketing, and Perma-Weld solvent welding adhesive which creates a permanent chemical bond between the PVC members. Used in combination, these components form a completely sealed, monolithic system that provides an effective vapor retarder and a readily cleanable surface while meeting USDA hygiene requirements.

Available forms

As part of the Zeston PVC/Perma-Weld System, Zeston 2000/300 PVC insulated fitting covers are available in an extensive range of sizes and configurations for 45°, 90° (0.8, 1.6 rad.) short and long radius elbows, humped tees, valves, and other pipe fittings. Both rolls and Cut & Curled sections of Zeston 2000/300 PVC jacketing are furnished in 20 and 30 mil (0.5 and 0.8 mm) thicknesses for the Zeston PVC/Perma-Weld System. Perma-Weld adhesive is available in one quart (0.95 liter) and one gallon (3.78 liter) containers, and can be applied with a Perma-Weld adhesive applicator gun.

Adhesive coverage

Approximately 1 quart (0.95 liters) of adhesive is required to seal 100 linear feet (30.5 m) of fitting covers and pipe jacketing.

Applications

The Zeston PVC/Perma-Weld System provides protective covering for bare and insulated systems, vessels, tanks, and equipment in commercial, institutional, and industrial applications. For excellent insulating efficiency, the Zeston PVC/Perma-Weld System can be installed in conjunction with Micro-Lok *HP* fiber glass pipe insulation from Johns Manville or with other pipe insulations. In these installations, pre-cut fiber glass inserts for insulating the fittings are available as part of the Zeston 2000/300 PVC insulated fitting cover package.

Because the system is completely sealed, it is particularly well suited for food and beverage, pharmaceutical, and chemical processing applications. In addition, the Zeston PVC/Perma-Weld System can also be used to encapsulate existing pipe systems that have the potential of introducing contaminants into the environment. This application can be more cost effective than the alternatives which include removing or replacing the existing insulation.

Advantages

Simple, fast installation. The system is quickly installed over piping systems and equipment. An initial set should occur in approximately 10 minutes with complete adhesive curing in 8 to 10 hours.

Completely sealed system. The Zeston PVC/Perma-Weld System provides an inherent vapor retarder and an effective seal against fungus, mold, mildew, corrosion, and contaminants. In addition, the PVC material is non-toxic, odorless, and tasteless.

Attractive appearance. The completed system provides a neat, finished look that enhances the overall appearance of the installation.

Ease of cleaning. The positive seal between the Perma-Weld adhesive and the PVC members, along with the cleanability of the PVC material itself, results in a protective jacketing system that readily withstands repeated washdowns.

Total piping system capabilities. By offering the Zeston PVC/Perma-Weld System with Micro-Lok *HP* fiber glass pipe insulation, Johns Manville represents a single source of supply for a complete system—insulation and protective covering.

Applicable standards

Zeston 2000/300 PVC insulated fitting covers and jacketing meet the requirements of most federal, state, and local codes. The Zeston PVC/Perma-Weld System is accepted by the USDA for use in the food processing and beverage industries.