



PRODUCT DESCRIPTION

The original Buckaroos® support is a precision-cut wood dowel adhered to a round PVC disc. They are intended to add rigidity to pipe insulation as it crosses load-bearing clevis hanger support locations on insulated piping systems. The added rigidity helps maintain a consistent insulation thickness with minimal compression and therefore protects the insulation from damage that could otherwise result.

APPLICATIONS

Buckaroos® pipe supports are commonly specified when the primary objective is to design for a low, initial material cost. Buckaroos, Inc. recommends Buckaroos® supports or standard wood dowels as options for piping systems operating above ambient temperature and up to 200°F.

GUIDE SPECIFICATIONS

Buckaroos® supports (or standard wood dowels) should be installed according to manufacturer's guidelines at pipe support locations in conjunction with a Roundup Plus™ insulation protection shield. Sizes should coincide with the wall thickness of the pipe insulation.

(Design engineer should review industry standards in Chart 1, and make adjustments to sizes and arrangements based on the demands of his specific application. Further considerations should be made if the support surface is flat. In which case, the entire load is focused at one point on the bottom of the pipe insulation. A heavier gauge insulation protection shield or plate may be necessary to properly disperse the load.)

MATERIALS

Buckaroos® pipe supports are precision-cut from pine or similar economical wood and adhered to PVC discs with a small dab of hot melt adhesive. Physical properties and performance of materials can vary.

For a higher confidence in the support of insulated piping Buckaroos, Inc. recommends Tru-Balance™ Insulated Pipe Supports, which feature consistent physical properties, minimize risk of installer error, and are engineered to outlast the piping system itself.

INSTALLATION INSTRUCTIONS

1. Buckaroos® Supports (or standard wood dowels) shall match the wall thickness of the pipe insulation (sizes available for up to 2.5" insulation wall thickness). Figures 1 and 2 indicate the number of supports, and corresponding arrangements commonly recognized as industry standard, but the design engineer is ultimately responsible for determining proper arrangement of supports based on project specific load calculations. Refer to project specifications or submit a request for information to ensure that you are adequately supporting the piping system.

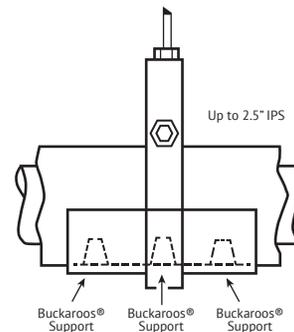


Figure 1
Plug 3 total Buckaroos® supports into the bottom of the insulation as shown. Cover each with pressure-sensitive tape that has equal or better water/vapor perm rating as the insulation jacket.

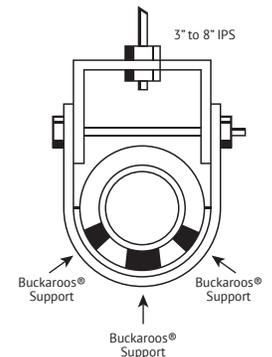


Figure 2
Plug 2 additional Buckaroos® supports at 45° and 135° of each cross-section shown in Figure 1. Altogether, 9 total supports should be installed for these sizes.

2. Installer should use a knife or hole cutting device to carefully remove insulation material from a section of pipe covering such that Buckaroos® supports (dowels) will be inserted in the empty space with minimal gaps or voids. **WARNING: When vapor retarder jacket is penetrated, equivalent vapor retardant tape should be applied to properly protect from moisture ingress.** The section of pipe covering should then be sealed longitudinally and centered over a Roundup Plus™ saddle in clevis hanger locations.
3. When Buckaroos® supports are used in conjunction with strut or other flat surface, refer to specifications for special adjustments designed to account for the high point-load that occurs.

BUCKAROOS

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CAUTION:

Wood is a combustible material and therefore does not pass 25' flame-spread and 50' smoke-developed requirements for installation in a plenum space as defined by ASTM E-84 Class A. Wood materials are naturally hygroscopic and tend to retain water and moisture. Buckaroos, Inc. does NOT recommend their use for chilled water or below ambient conditions. Water and moisture that remains trapped under a vapor retarder can cause corrosion under insulation and lead to mold formation.