

# BUCKAROOS® HIGH-DENSITY FIBERGLASS BLOCKS

## Product Data Sheet



## PRODUCT DESCRIPTION

Block-style supports are precision-cut to various sizes. 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

Block-style pipe supports are a traditional support method commonly specified when the primary objective is to design for a low, initial material cost. Buckaroos recommends High-Density Fiberglass Blocks as an option for systems operating above ambient temperature and up to 450°F.

## GUIDE SPECIFICATIONS

Buckaroos High-Density Fiberglass Blocks should be installed according to manufacturer guidelines at pipe support locations in conjunction with a Roundup Plus™ insulation protection shield. Block-style supports should match the wall thickness of the pipe insulation.

*(Design engineer should review industry standards in Chart 1, and make adjustments to block lengths and block arrangements to support the demands of his specific application. Further considerations should be made if the support surface is flat. In which case, the bottommost block(s) is virtually supporting the entire load. A heavier gauge insulation protection shield or plate may be necessary to properly disperse the load.)*

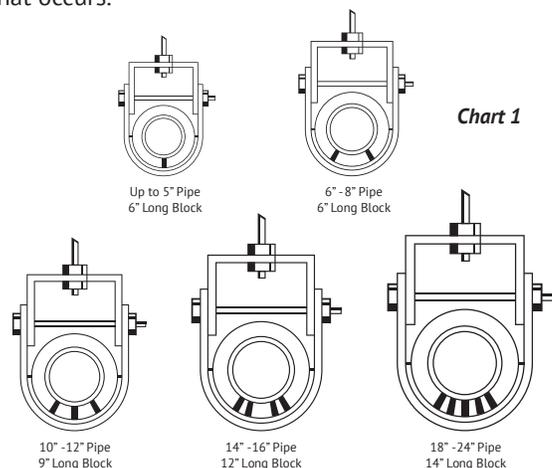
## MATERIALS

High-Density Fiberglass Blocks are molded to an approximate density of 18 lbs/ft<sup>3</sup>. Physical properties and performance can vary.

For a higher confidence in the support of insulated piping Buckaroos 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 High-Density Fiberglass Blocks shall match the wall thickness of the pipe insulation. Chart 1 illustrates number of blocks per support location, coinciding lengths, and corresponding arrangements commonly recognized as industry standard, but the design engineer is ultimately responsible for determining proper arrangement of blocks 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.
2. Installer should use a knife to carefully remove insulation material from inside a section of pipe covering such that block(s) will be inserted in the empty space with minimal gaps or voids. **WARNING: If 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 block-style 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:

Due to the fibrous composition of High-Density Fiberglass Blocks, water vapor can permeate through them. Liquid water can be absorbed and retained in a similar fashion as a sponge. For this reason, Buckaroos 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.