

Tru-Balance 1200EC Insulated Saddles

Series 360-Degree Calcium Silicate Pipe Insulation, 360 Degree-Saddle



Description

The 1200EC is the most economical Calcium Silicate insulated saddle on the market today. It is designed primarily for indoor use on hot service piping to 1200°F. It can be used outdoors if it is protected from the weather.

Note: Even when using a vapor barrier, Calcium Silicate should not be used on cold applications.

Technical Data

Physical Property	Value/Unit	Specification Compliance
Insulation Density	12.0 Lbs./Cu. Ft.	ASTM C-303
Thermal Conductivity		
@ 200°F mean	.45 BTU in./hr. ft./sq. °F	ASTM C-165, ASTM C-356
@ 400°F mean	.55 BTU in./hr. ft./sq. °F	ASTM C-165, ASTM C-356
@ 600°F mean	.66 BTU in./hr. ft./sq. °F	ASTM C-165, ASTM C-356
Service Temperature	300°F to 1200°F	Manufacturer Design Limits
Compressive Resistance	100 P.S.I. @ 5% deformation	ASTM C-165
Shrinkage, Max %	2%	ASTM C-356
Optional ASJ Vapor Barrier		
Thickness	11 Mil	Manufacturer Specification
Average Perm Rating	.020	ASTM E-96

Product Dimensions

Nominal Pipe Size	Insulation Length	Saddle Length	Saddle Gauge
1/2" – 1 1/2"	9"	6"	22 Ga.
2" – 5"	9"	6"	20 Ga.
6" – 10"	9"	6"	16 Ga.
12" – 14"	12"	9"	16 Ga.

Note: All Buckaroos Tru-Balance Pre-Insulated Saddles ship F.O.B. Factory, Nevada, Iowa. Freight is prepaid and charged.

Features and Benefits

- Complete 360-degree composite assembly, for fast and easy installation.
- A 360-degree section of 12 p.c.f. Calcium Silicate pipe insulation, for greater thermal efficiency at elevated temperatures.
- High quality vapor retarder with an excellent Perm rating, and a premium self-seal tape closure system.
- 360-degrees of Carbon Steel shield coverage, providing maximum insulation protection. The bottom saddle is 180- degrees, overlapped by a 220-degree saddle.
- Insulation is extended past the shield for a perfect union with the adjoining pipe insulation.
- Flared edge insulation saddles with a center rib ensure a tight fit inside the clevis hanger.

Applications

The 1200EC insulated saddle is ideal for use on plumbing, heating and hot piping to 1200°F. Because of the rigid nature of the Calcium Silicate insulation, it provides excellent compressive strength and good thermal values.

