



Tru-Balance 3300P Insulated Saddles

Insulated Saddles for Cold or Hot Service



Features and Benefits

- A complete composite assembly, for fast and easy installation.
- A 360-degree section of 3 P.C.F. density polyisocyanurate pipe insulation for greater thermal efficiency.
- A 6-mil thickness, .01 perm rated industrial grade vapor retarder film for superior condensation control.
- A G-90 galvanized steel Buckaroos 180-degree bottom shield for maximum insulation protection at hanger locations. (A 360-degree self-clamping shield is also available.)
- A heavy-duty structural steel plate to reduce point loading in roller and trapeze hangers.
- A lock-joint to reduce heat gain/loss along the longitudinal seams to save energy.*

*The lock-joint feature is not available on all sizes.

Description

The Tru-Balance Model 3300P insulated saddle is designed primarily for indoor use on 6” IPS and larger in cold and hot service. It can be used outdoors if it is protected from the weather.

Meets MSS SP-58, 9.2.2 for Type 40 Shields.

Guide Specifications

The Model 3300P (Plated) has the additional structural support of a ¼” thick steel plate welded to the saddle for maximum spans in roller hanger applications. Always install the specified insulation thickness to insure system performance.

Applications

This saddle is intended for indoor use on 6-inch IPS and larger in roller or trapeze hangers. Use it on refrigeration lines, chilled water lines, cold-process piping and thermal-cyclic systems where control of condensation is a critical requirement. Use it on hot systems up to 300°F on domestic hot water and low-pressure (50# max. pressure) steam lines. Insure complete system integrity by eliminating compromised thermal performance at all hanger and support locations. This saddle saves energy and labor. It can be installed rapidly by any qualified contractor. A wise investment!

Technical Data

Physical Property	Value/Unit	Specification Compliance
Insulation Density	3.0 Lbs./Cu. Ft.	ASTM D-1622
Thermal Conductivity @ 75°F	19 BTU in./hr. ft./sq. °F	ASTM C-518
Service Temperature	-297°F to +300°F	Manufacturer Design Limits
Compressive Resistance	50 P.S.I.	ASTM D-1621
Water Absorption		
Max % by volume	.6%	ASTM C-272
Shrinkage, Max %	1%	ASTM D-2126
Vapor Retarder Film		
Thickness Average	6 Mil	ASTM D-374
Perm Rating	.010	ASTM E-96 – 93 UBC

Product Dimensions

Nominal Pipe Size	Insulation Length	Saddle Length	Plate Length	Saddle Gauge
3” – 5”	18”	12”	N/A	12 Ga.
6” – 10”	18”	14”	8”	12 Ga.
12” – 18”	18”	14”	12”	12 Ga.
20” – 24”	18”	14”	12”	12 Ga.



Providing Performance, Quality, Value & Design
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The Leader in Pipe Insulation Support Systems Since 1990