



Tru-Balance 6300P Insulated Saddles

Insulated Saddle for Cold or Hot Service



Features and Benefits

- A complete composite assembly, for fast and easy installation.
- A 360-degree section of polyisocyanurate pipe insulation for greater thermal efficiency and compressive strength. With a 6.0 PCF bottom support-section and a 3.0 PCF top section.
- 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 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 6300P Insulated Saddle is designed primarily for heavy-duty 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 6300P (Plated) has the additional structural support of a 1/4” 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 for indoor use on 6” IPS and larger in roller or trapeze hangers. Use on refrigeration lines, chilled water lines, cold-process piping and thermal-cyclic systems where control of condensation is critical. Use 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	6.0 Lbs./Cu. Ft. Bottom/ 3.0 Lbs./Cu. Ft. Top	ASTM D-1622 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	140 P.S.I.	ASTM D-1621
Water Absorption Max % by Volume	.3%	ASTM C-272
Shrinkage, Max %	.2%	ASTM D-2126
Vapor Retarder Film Thickness Average Perm Rating	6 Mil .010	ASTM D-374 ASTM E96-93 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.



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