



# Tru-Balance 6300E 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.
- Comes 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 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 6300E Insulated Saddle is designed primarily for heavy-duty indoor use on cold and hot service. It can be used outdoors if protected from the weather. **Meets MSS SP-58, 9.2.2 for Type 40 Shields.**

## Guide Specifications

The Model 6300E (Extended Insulation) has the insulation extended beyond the saddle for easy application of a tape butt-strip. Always install the specified insulation thickness to insure system performance.

## Applications

This saddle is intended for heavy-duty indoor use on refrigeration lines, chilled water lines, cold-process piping, and thermal-cyclic systems where control of condensation is critical. Use it on hot systems up to 300°F. It is ideal for 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
<b>Recommended Density</b>	6.0 Lbs./Cu. Ft. Bottom/ 3.0 Lbs./Cu. Ft. Top	ASTM D-1622
<b>Thermal Conductivity</b> @75°F	.19 BTU in./hr. ft./sq. °F	ASTM C-518
<b>Service Temperature</b>	-297°F to +300°F	Manufacturer Design Limits
<b>Compressive Resistance</b>	140 P.S.I.	ASTM D-1621
<b>Water Absorption</b> Max % by Volume	.3%	ASTM C-272
<b>Shrinkage, Max %</b>	.2%	ASTM D-2126
<b>Vapor Retarder Film:</b> Thickness Average	6 Mil	ASTM D-374
Perm Rating	.010	ASTM E96-93 UBC

## Product Dimensions

Nominal Pipe Size	Insulation Length	Saddle Length	Saddle Gauge
1/2" – 1 1/2"	9"	6"	22 Ga.
2" – 5"	18"	12"	18 Ga.
6" – 10"	18"	14"	16 Ga.
12" – 18"	18"	14"	14 Ga.
20" – 24"	18"	14"	12 Ga.



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