



Tru-Balance 8900E Insulated Saddles

Insulated Saddle for Cold or Hot Service



Features and Benefits

- A complete composite assembly, for fast and easy installation.
- Meets ASTM E-84 25-50 Flame Spread requirements for design considerations.
- Uses a 360-degree section of 8 PCF density, cellular glass pipe insulation for thermal efficiency.
- Premium bright white Zero Perm vapor retarder for 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.)
- 100 P.S.I. compressive strength insulation for maximum span load capability.

Applications

This saddle is intended for use on refrigeration lines, chilled water lines, cold-process piping and thermal-cyclic systems. Use it on cold systems where control of condensation is a critical requirement. This saddle is recommended for use on hot systems up to 500°F to standardize saddle specification. It is ideal for domestic hot water and low-pressure (50# max. pressure) steam lines. The Model 8900E insulated saddle saves energy. Insure complete system integrity by eliminating compromised thermal performance at all hanger and support locations. Due to its complete design, the Model 8900E Insulated Saddle saves labor because it can be installed rapidly by any qualified contractor. The Model 8900E Insulated Saddle is always a wise investment!

Description

The Tru-Balance Model 8900E Insulated Saddle is designed primarily for indoor use on 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 8900E (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.

Technical Data

Physical Property	Value/Unit	Specification Compliance
Insulation Density	8.0 Lbs./Cu. Ft.	ASTM C-303
Thermal Conductivity @75°F	.32 BTU in./hr. ft./sq. °F	ASTM C-518
Service Temperature	-300°F to +900°F	Manufacturer Design Limits
Compressive Resistance	100 PSI (flat, coated)	ASTM C-165, C-240, C-552
Water Absorption Max % by Volume	.2%	ASTM C-240
Combustibility	Will not burn	ASTM E-136
ASJ Vapor Retarder: Thickness Average Perm Rating	11 Mil .020	Manufacturer Specification ASTM E-96-93 UBC

Product Dimensions

Nominal Pipe Size	Insulation Length	Saddle Length	Saddle Gauge
½" – 1 ½"	12"	9"	22 Ga.
2" – 5"	24"	18"	18 Ga.
6" – 10"	24"	18"	16 Ga.
12" – 18"	24"	18"	14 Ga.
20" – 24"	24"	18"	12 Ga.

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