



# Buckaroos Insulation Saddles



## Description

The Buckaroos Insulation Saddle is a metal shield formed to a 180° arc. It is designed to protect pipe insulations from crushing or other forms of damage at hanger locations. Buckaroos Insulation Saddles are designed for use with medium and low compressive strength pipe insulations, and on vapor barrier type insulations such as fiberglass, urethane, rubber and polyethylene tubing. Each Buckaroos Insulation Saddle is individually marked according to the pipe insulation outside diameter. It is recommended that Buckaroos Insulation Supports be used in combination with the Buckaroos Insulation Saddles to insure the proper support for the pipe insulation system.

## Features and Benefits

- O.D. size is marked on each saddle to simplify identification in the warehouse or on jobsites.
- Saddles are sold in 10-piece packs for easy handling.
- The low cost makes it economical to insulate at hanger locations

## Materials of Construction

Buckaroos Insulation Saddles are manufactured from carbon steel with a galvanized finish and Type 304 stainless steel.

## Applications

Buckaroos Insulation Saddles are designed for use with medium and low compressive strength pipe insulations, and with vapor barrier type insulations such as fiberglass, urethane, rubber, and polyethylene tubing. They are ideal for use on plumbing, heating, chilled water, and refrigeration piping, with temperatures ranging from -120°F to +500°F.

## Guide Specifications

Install Buckaroos Insulation Saddles wherever pipe insulation passes through a hanger location. Each saddle should be marked by the size of the insulation O.D.

## Recommended Installation Instructions

Pipe insulation thicknesses vary, so you should verify the radius of the Insulation Saddle before installation to insure that you use the proper size.

When used with Buckaroos Insulation Supports, Buckaroos Insulation Saddles are designed for a maximum span of ten feet on 5 P.S.I. compressive strength insulation.

Refer to the Buckaroos Saddle Size Selection Chart on the reverse side of this Product Data Sheet.



## PRODUCT DATA SHEET

### Determining the Size

Select the pipe or tube size in the left hand column and then find the column for the corresponding insulation thickness. The intersection of those measurements is the correct Outside Diameter (O.D.) for your job.

**Size Selection Table**

Iron Pipe Size (inches)	Insulation Thickness (inches)					
	½	1	1 ½	2	2 ½	3
½	2	3	4	5	6.5	7.5
¾	2.5	3	4	5	6.5	7.5
1	2.5	3.5	4.5	5.5	6.5	7.5
1 ¼	3	3.5	5	5.5	6.5	7.5
1 ½	3	4	5	5.5	6.5	7.5
2	3.5	4.5	5.5	6.5	7.5	8.5
2 ½	4	5	6.5	7.5	8.5	9.5
3	4.5	5.5	6.5	7.5	8.5	9.5
3 ½	5	6.5	7.5	8.5	9.5	11
4	5.5	6.5	7.5	8.5	9.5	11
5	6.5	7.5	8.5	9.5	11	12
6	7.5	8.5	9.5	11	12	13
8	9.5	11	12	13	14	15
10	—	13	14	15	16	17
12	—	15	16	17	18	19
14	—	16	17	18	19	20
16	—	18	19	20	21	22
18	—	20	21	22	23	24
Copper Tube Size (inches)	Insulation Thickness (inches)					
	½	¾	1	1 ½	2	2 ½
5/8	2	2	3	3.5	4.5	—
7/8	2	2	3	3.5	4.5	—
1 1/8	2.5	2.5	3	4	5	—
1 3/8	2.5	3	3.5	4.5	5.5	—
1 5/8	3	3	3.5	4.5	5.5	—
2 1/8	3.5	3.5	4	5	6	7.5
2 5/8	4	4	4.5	5.5	6.5	7.5
3 1/8	4.5	4.5	5	6	7.5	8.5
3 5/8	5	5	5.5	6.5	7.5	8.5
4 1/8	5.5	5.5	6	7	8.5	9.5
5 1/8	6.5	7	7.5	8.5	9.5	11

Buckaroos also manufactures saddles to comply with Manufacturer's Standardization Society SP-69 (Type 40). Contact Buckaroos for more information.

### Technical Data

Buckaroos Insulation Saddles are ordered to meet individual project specifications. Consult your project specifications and contact Buckaroos for sizing considerations.

### Sizes Available

Product	Insulation O.D. Size Range (in)	Gauges	Lengths (in)
Galvanized Steel	2-12	22	8, 12, 15,
	2-15	20	8, 12, 15, 18
	2-30	18	12, 15, 18, 24
	4-24	16	12, 15, 18, 24
	5-24	14	12, 18, 24
Stainless Steel	6-24	12	12, 18, 24
	2-14	20	12, 15, 18, 24
	4-24	18	12, 15, 18, 24

### Notes:

- (1) Always refer to your project specification for saddle length and gauge requirements.
- (2) Individual project requirements may vary considerably from the chart.
- (3) Buckaroos can provide virtually any saddle length and gauge combination upon request.

### Ordering

#### Standard Inventory

Saddle O.D. (inches)	Standard Dimensions/Weights		
	Saddle Length (inches)	Gauge	Saddle Weight (lb)
2	12	22	.36
2 ½	12	22	.42
3	12	22	.52
3 ½	12	22	.52
4	12	22	.63
4 ½	12	22	.73
5	12	22	.83
5 ½	12	22	.94
6	12	20	1.13
6 ½	12	20	1.25
7	12	20	1.25
7 ½	12	20	1.50
8	12	20	1.50
8 ½	12	20	1.63
9	12	20	1.63
9 ½	12	20	1.88
10	12	20	1.88
10 ½	12	20	2.13
11	12	20	2.13
11 ½	15	20	2.81
12	15	20	2.81
13	15	20	3.13
14	15	20	3.28
15	18	18	5.75
16	18	18	6.25