



Don't be
fooled by
imitations.

TRUST THE ORIGINAL

Insuguard Pipe Saddles

Insuguard® is the patented, easy-to-install pipe saddle for HVAC/R applications. Insuguard is today's most practical and economical solution to standardize pipe installations, improve appearance and completely eliminate premature insulation tears, costly leaks and loss of refrigerated merchandise caused by inadequate suspension systems.

- // The original innovative design
- // Field tested and installed for over 15 years
- // Specified by leading supermarket and retail chains
- // Ask for the product trusted by the industry
- // Applicable with all insulation products



TECHNICAL DATA - INSUGUARD

Brief description	Insuguard is the original 1-piece, saddle-shaped pipe support for strut channel. Insuguard saddles are applicable with all insulation products.
Material	Polypropylene copolymer (IPTBCI825B & IPTBCI825W are 20% glass-filled polypropylene for added strength)
Color	Black and white
Special features	The inside surface of the saddle-shaped pipe support is non-adhesive and has a special texture that acts as micro bubbles to create a thin layer of air between the saddle and the insulation. This helps the insulated pipe to expand and move freely within the saddle without damaging the insulation material.
Applications	Horizontal pipe installation on plumbing, mechanical, refrigeration and air-conditioning applications.
Installation	Tool-free, clips directly on standard 1-5/8" x 1-5/8" (42mm x 42mm) strut channel. Suited for horizontal pipe installation.

Property	Value/Assessment	Test method	
Temperature range			
Max. service temperature	+178 °F (+81 °C)		
Min. service temperature	-40 °F (-40 °C)		
Fire performance & approvals			
Surface spread of flame	UL Classified for US	UL-723, ASTM E84	Flame Spread Index (110 - 135)*/Smoked Developed Index 500
	ULC listed for Canada.	ULC-S102.2	Flame Spread Index 130/Smoked Developed Index 550

* Value depends on size.

Other technical features

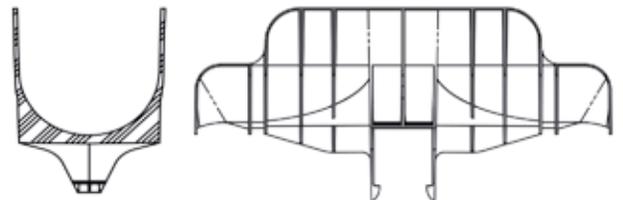
UV resistance	Excellent
Surface	Non-abrasive surface for linear expansion of thermal insulation
Paintable	Preserves mechanical properties even after painting



SPECIFICATIONS

INSUGUARD SADDLES

Part Number	Color	Size: In	Size: mm	Length: In	Length: mm
IPTBCI225B	Black	2.250"	57mm	12"	305mm
IPTBCI325B	Black	3.250"	82mm	12"	305mm
IPTBCI425B	Black	4.250"	108mm	12"	305mm
IPTBCI525B	Black	5.250"	133mm	12"	305mm
IPTBCI625B	Black	6.250"	159mm	12"	305mm
IPTBCI825B	Black	8.250"	209mm	12"	305mm
IPTBCI225W	White	2.250"	57mm	12"	305mm
IPTBCI325W	White	3.250"	82mm	12"	305mm
IPTBCI425W	White	4.250"	108mm	12"	305mm
IPTBCI525W	White	5.250"	133mm	12"	305mm
IPTBCI625W	White	6.250"	159mm	12"	305mm
IPTBCI825W	White	8.250"	209mm	12"	305mm



InsuCover®

InsuCover pipe cover is designed to fit over the insulated pipe and can be quickly secured with cable ties since both the saddle and the cover have matching notches for easy tool-free installation. The flexible design allows it to automatically adjust to the pipe's curve, large and small. A quick knife cut at the seams allows the installer to customize the width for smaller pipes. Its curved edges allow for the same range of movement as the Insuguard saddle, keeping the pipe supported, secure, but able to give to natural pipe expansion.

InsuCover Pipe Shield

Part number	Size	Color	For Use With
IPTBCUCX25B	12" (305mm)	Black	IPTBCI225B, IPTBCI325B, IPTBCI425B, IPTBCI525B, IPTBCI625B
IPTBCUC825B	12" (305mm)	Black	IPTBCI825B
IPTBCUCX25W	12" (305mm)	White	IPTBCI225W, IPTBCI325W, IPTBCI425W, IPTBCI525W, IPTBCI625W
IPTBCUC825W	12" (305mm)	White	IPTBCI825W

Property	Value/Assessment	Test method
Temperature range		
Max. service temperature	+178 °F (+81 °C)	
Min. service temperature	-40 °F (-40 °C)	

Fire performance & approvals			
Surface spread of flame	UL Classified for US	UL-723, ASTM E84	Flame Spread Index (110 - 135)*/Smoked Developed Index 500
	ULC listed for Canada.	ULC-S102.2	Flame Spread Index 130/Smoked Developed Index 500

* Value depends on size.

Other technical features

UV resistance	Excellent
Paintable	Preserves mechanical properties even after painting



Choose the right product for corresponding pipe and insulation thickness.

Copper tubes

Copper tubing size	Insulation thickness				
	1/2" (13mm)	3/4" (19mm)	1" (25mm)	1-1/2" (38mm)	2" (50mm)
1/4" (6.4MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
3/8" (9.5MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
1/2" (13MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
5/8" (16MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
3/4" (19MM)	IPTBCI225	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525
7/8" (22MM)	IPTBCI225	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525
1-1/8" (28.5MM)	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525	IPTBCI625
1-3/8" (35MM)	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525	IPTBCI625
1-5/8" (41MM)	IPTBCI325	IPTBCI425	IPTBCI425	IPTBCI525	IPTBCI625
2-1/8" (54MM)	IPTBCI425	IPTBCI425	IPTBCI525	IPTBCI625	IPTBCI825
2-5/8" (67MM)	IPTBCI425	IPTBCI525	IPTBCI525	IPTBCI625	IPTBCI825
4-1/8" (105MM)	IPTBCI525	IPTBCI525	IPTBCI625	IPTBCI825	IPTBCI825
5-1/8" (130MM)	IPTBCI525	IPTBCI825	IPTBCI825	IPTBCI825	~

SCH. 40/80 Pipe

Copper tubing size	Insulation thickness				
	1/2" (13mm)	3/4" (19mm)	1" (25mm)	1-1/2" (38mm)	2" (50mm)
1/4" (6.4MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
3/8" (9.5MM)	IPTBCI225	IPTBCI225	IPTBCI325	IPTBCI425	IPTBCI525
1/2" (13MM)	IPTBCI225	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525
3/4" (19MM)	IPTBCI225	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525
1" (25MM)	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525	IPTBCI625
1-1/4" (31MM)	IPTBCI325	IPTBCI325	IPTBCI425	IPTBCI525	IPTBCI625
1-1/2" (38MM)	IPTBCI325	IPTBCI425	IPTBCI425	IPTBCI525	IPTBCI625
2" (50MM)	IPTBCI425	IPTBCI425	IPTBCI425	IPTBCI525	IPTBCI625
2-1/2" (62MM)	IPTBCI425	IPTBCI525	IPTBCI525	IPTBCI625	IPTBCI825
3" (75mm)	IPTBCI525	IPTBCI525	IPTBCI625	IPTBCI825	IPTBCI825
3-1/2" (88MM)	IPTBCI525	IPTBCI625	IPTBCI625	IPTBCI825	IPTBCI825
4" (100MM)	IPTBCI625	IPTBCI625	IPTBCI825	IPTBCI825	IPTBCI825
5" (127MM)	IPTBCI825	IPTBCI825	IPTBCI825	~	~
6" (152MM)	IPTBCI825	IPTBCI825	~	~	~

Packaging Information

Item	Pieces	Weight: LBS	Weight: KG
IPTBCI225	65	17	7.7
IPTBCI325	38	14	6.4
IPTBCI425	25	13	5.0
IPTBCI525	16	11	4.5
IPTBCI625	12	7	2.1

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00327 | Insuguard | Insuguard | TDS | 112020 | NA | EN-A

ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,135 employees and 24 production plants in 16 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:
www.armacell.us and www.insuguard.com

