

Pipe Supports, Guides, Shields & Saddles

BPUxxxG - Universal Snap-N-Shield™

BPH3100 - Universal Snap-N-Shield with Clevis Hanger

BPHUCxG - Universal Shield Cover

Material: Thermylene P6-20FG-0738

Features:

- Shield with three cartridge option allow for use on strut, clevis hangers, or angle iron
- Lip design on ends of shield allow for lateral movement of piping without damaging insulation
- Snap on design helps eliminate shield movement, helping to prevent insulation damage
- No tools required for installation
- Suited for horizontal pipe runs
- Integrated slots for liquid line tie wraps

- Clevis hanger cartridge has an optional magnetic shock detection device, available with three different shock intensity flags
- UV resistant
- Operating temperature: -40°F (-40°C) to 178° (81°C)
- Paintable
- Non-adhesive surface for insulation expansion

Applications: Refrigeration, A/C, and plumbing.

Certification: UL Classified for USA UL-723 (ASTM E 84) and UL-2043

Color: Silver Gray (G)

Order By: Part number.

Universal Shields

Part Number	Inside Opening in. (mm)	Approx. Wt./100 lbs. (kg)	Clevis Hanger Size
BPU250G	2.34" (59)	21.4 (9.7)	B3100-2
BPU350G	3.45" (87)	29.5 (13.4)	B3100-3
BPU450G	4.50" (114)	41.7 (18.9)	B3100-4
BPU550G	5.56" (140)	51.1 (23.2)	B3100-5
BPU650G	6.46" (168)	57.1 (25.9)	B3100-6
BPU850G	8.65" (219)	116.7 (52.9)	B3100-8
BPU1050G	10.65" (168)	187.5 (85.0)	B3100-10
BPU1250G	12.65" (219)	212.5 (96.4)	B3100-12

Universal Shields with Clevis Hangers

Part Number	Inside Opening in. (mm)	Approx. Wt./100 lbs. (kg)	Clevis Hanger Size
BPH3100-2	2.34" (59)	73.4 (33.3)	B3100-2
BPH3100-3	3.45" (87)	139.5 (63.3)	B3100-3
BPH3100-4	4.50" (114)	173.7 (78.8)	B3100-4
BPH3100-5	5.53" (140)	266.1 (120.7)	B3100-5
BPH3100-6	6.64" (168)	377.1 (171.0)	B3100-6
BPH3100-8	8.64" (219)	601.7 (272.9)	B3100-8
BPH3100-10	10.64" (168)	1033.5 (468.8)	B3100-10
BPH3100-12	12.64" (219)	1295.5 (587.6)	B3100-12

Universal Shield Covers

Part Number	Used With Universal Shields	Approx. Wt./100 lbs. (kg)
BPHUCLG	BPU1050G & BPU1250G	116.7 (52.9)
BPHUCSG	BPU650G & Smaller	57.2 (25.9)

Copper Tubing Size	Insulation Thickness				
	1/2"	3/4"	1"	1 1/2"	2"
1/4"	BPU250	BPU250	BPU350	BPU350	BPU450
3/8"	BPU250	BPU250	BPU350	BPU450	BPU550
1/2"	BPU250	BPU250	BPU350	BPU450	BPU550
5/8"	BPU250	BPU250	BPU350	BPU450	BPU550
3/4"	BPU250	BPU350	BPU350	BPU450	BPU550
1"	BPU250	BPU350	BPU350	BPU450	BPU550
1 1/4"	BPU350	BPU350	BPU350	BPU450	BPU550
1 1/2"	BPU350	BPU350	BPU450	BPU550	BPU650
2"	BPU350	BPU450	BPU450	BPU550	BPU650
2 1/2"	BPU450	BPU450	BPU550	BPU650	BPU850
3"	BPU450	BPU550	BPU550	BPU650	BPU850
3 1/2"	BPU550	BPU550	BPU650	BPU850	BPU850
4"	BPU550	BPU650	BPU650	BPU850	BPU850

Sch. 40/80 Pipe Size	Insulation Thickness				
	1/2"	3/4"	1"	1 1/2"	2"
1/4"	BPU250	BPU250	BPU350	BPU450	BPU550
3/8"	BPU250	BPU250	BPU350	BPU450	BPU550
1/2"	BPU250	BPU350	BPU350	BPU450	BPU550
3/4"	BPU250	BPU350	BPU350	BPU450	BPU550
1"	BPU250	BPU350	BPU350	BPU450	BPU550
1 1/4"	BPU350	BPU350	BPU450	BPU550	BPU650
1 1/2"	BPU350	BPU350	BPU450	BPU550	BPU650
2"	BPU350	BPU450	BPU450	BPU550	BPU650
2 1/2"	BPU450	BPU450	BPU550	BPU650	BPU850
3"	BPU550	BPU550	BPU550	BPU850	BPU850
3 1/2"	BPU550	BPU550	BPU650	BPU850	BPU850
4"	BPU550	BPU650	BPU850	BPU850	BPU850

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.

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Universal Snap-N-Shield™ Accessories



Universal Shield Accessories Part Number	Description	Approx. Wt./100 lbs. (kg)
BPUANGLMT	Angle Iron Cartridge	19.4 (8.8)
BPUHGRMT	Clevis Hanger Cartridge	8.8 (4.0)
BPUSD	Clevis Hanger Shock Detector	8.6 (3.9)
BPustrutMTB52B54B56	Strut Cartridge for 13/16" x 15/8" Channel	8.5 (3.8)
BPustrutMTB22B24B26	Strut Cartridge for 15/8" x 15/8" Channel	11.5 (5.2)
BPustrutMT4D21	Strut Cartridge for 4D21 Channel	10.4 (4.7)
BPustrutMT4D22	Strut Cartridge for 4D22 Channel	11.5 (5.2)
BPU-1050S*	Shield Support for BPU1050	19.4 (8.8)
BPU-1250S*	Shield Support for BPU1250	22.2 (10.0)

* Must be ordered for 10" and 12" shields when using on strut and angle iron applications.

BPUANGLMT



BPustrutMTB22B24B26



BPustrutMT4D22



BPUHGRMT



BPUSD



BPustrutMTB52B54B56



BPustrutMT4D21



BPU-1050S
BPU-1250S (shown)



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Pipe Supports, Guides, Shields & Saddles

Snap 'N Shield™ Pipe Support

Size Range:

2¹/₄" (57.1mm), 3¹/₄" (82.5mm), 4¹/₄" (107.9mm), 5¹/₄" (133.3mm), 6¹/₄" (158.7mm), and 8⁵/₈" (219.1mm) Shield Openings

Material: Plastic - Black & White

Features:

- Ideal for horizontal pipe runs.
- Offers maximum protection for insulated pipe.
- Snaps directly onto channel.
- Shield length is 12" (304.8mm).
- Fast, easy installation – no tools required.
- Snap-on design eliminates shield movement, preventing insulation damage that can lead to costly leaks.
- Allows pipe to expand without damaging the insulation.
- Protects insulation from damage caused by rubbing against other pipes and fittings.
- Designed for side-by-side installations.
- The most reliable, durable, and cost-effective way to protect your insulation.
- Patent Pending.

Order By: Part number.



Technical Specifications

Applications: Refrigeration, Air Conditioning, and Plumbing

Material: Basell Pro-Fax 8523 Polypropylene Copolymer

- UV resistant
- Operating temperature -40°F (-40.0°C) to +178°F (81.1°C)
- Paintable (Preserves mechanical properties even after painting)
- Non-adhesive surface for linear expansion of thermal insulation

Certification: UL Classified for USA (UL-723 (ASTM E84)) and ULC listed for Canada (ULC-S102.2). Meets UL94 HB flammability standards

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Pipe Supports, Guides, Shields & Saddles

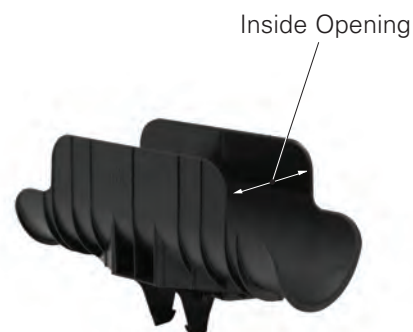
Snap'N Shield™ Pipe Support

Black Shields Part Number	White Shields Part Number	Gray Shields Part Number	Inside Opening in. (mm)	Approx. Wt./100 Lbs. (kg)
BPS225B	BPS225W	--	2 1/4" (57)	26 (11.8)
BPS325B	BPS325W	--	3 1/4" (82)	37 (16.8)
BPS425B	BPS425W	--	4 1/4" (108)	52 (23.6)
BPS525B	BPS525W	--	5 1/4" (133)	69 (31.3)
BPS625B	BPS625W	--	6 1/4" (159)	83 (37.6)
BPS825B	BPS835W	BPS825G	8 1/4" (209)	103 (46.7)
BPSCB	BPSCW		Universal Cover	22 (10.0)



Supports, Guides,
Shields & Saddles

Copper Tubing Size	Insulation Thickness				
	1/2"	3/4"	1"	1 1/2"	2"
1/4"	BPS225	BPS225	BPS325	BPS425	BPS525
3/8"	BPS225	BPS225	BPS325	BPS425	BPS525
1/2"	BPS225	BPS225	BPS325	BPS425	BPS525
5/8"	BPS225	BPS325	BPS325	BPS425	BPS525
3/4"	BPS225	BPS325	BPS325	BPS425	BPS525
1"	BPS225	BPS325	BPS325	BPS425	BPS525
1 1/4"	BPS325	BPS325	BPS425	BPS525	BPS625
1 1/2"	BPS325	BPS325	BPS425	BPS525	BPS625
2"	BPS325	BPS425	BPS425	BPS525	BPS625
2 1/2"	BPS425	BPS425	BPS525	BPS625	BPS825
3"	BPS425	BPS525	BPS525	BPS625	BPS825
3 1/2"	BPS525	BPS525	BPS625	BPS825	BPS825
4"	BPS525	BPS625	BPS625	BPS825	BPS825



Sch. 40/80 Pipe	Insulation Thickness				
	1/2"	3/4"	1"	1 1/2"	2"
1/4"	BPS225	BPS225	BPS325	BPS425	BPS525
3/8"	BPS225	BPS225	BPS325	BPS425	BPS525
1/2"	BPS225	BPS325	BPS325	BPS425	BPS525
3/4"	BPS225	BPS325	BPS325	BPS425	BPS525
1"	BPS325	BPS325	BPS425	BPS525	BPS625
1 1/2"	BPS325	BPS325	BPS425	BPS525	BPS625
1 1/2"	BPS325	BPS425	BPS425	BPS525	BPS625
2"	BPS425	BPS425	BPS425	BPS525	BPS625
2 1/2"	BPS425	BPS525	BPS525	BPS625	BPS825
3"	BPS525	BPS525	BPS625	BPS625	BPS825
3 1/2"	BPS525	BPS625	BPS625	BPS825	BPS825
4"	BPS625	BPS625	BPS825	BPS825	BPS825

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