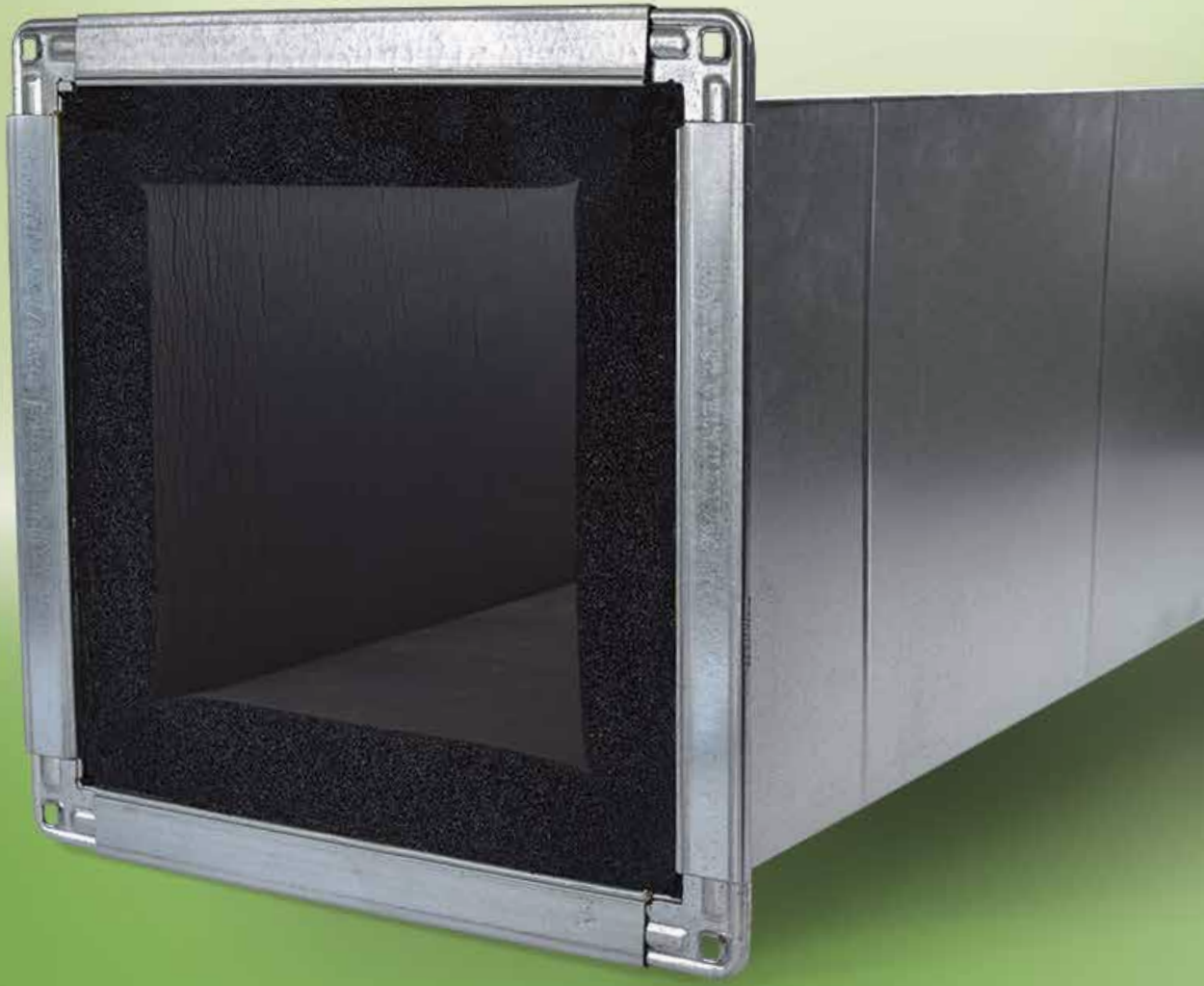


Fiber Free

# AP/Coilflex<sup>®</sup> Duct Liner

The fiber-free, thermal and acoustical conformable duct liner engineered to safeguard IAQ, attenuate HVAC noise and reduce energy loss.



- Excellent at attenuating airborne noise to reduce background noise from HVAC systems – 0.60 NRC
- Soft elastomeric foam easily conforms to fabricated duct corners without compression to maintain integrity of insulation
- Fiber-free, non-particulating, formaldehyde-free, free of PDBE flame retardants, and low VOC
- Microban<sup>®</sup> antimicrobial product protection inhibits the growth of mold and mildew in the insulation
- Meets ASHRAE 90.1 - 2010, ASHRAE Standard 189.1, IECC 2012 and California Title 24 for increased energy efficiency

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit [ul.com/gg](http://ul.com/gg).

# armacell<sup>®</sup>



Microban antimicrobial product protection is limited to the product itself and is not designed to protect the users of these products from disease causing microorganisms, or as a substitute for normal cleaning and hygiene practices.\*

## Technical Data: AP Coilflex® Duct Liner

### Description:

Black, conformable, elastomeric, thermal and acoustical duct liner in roll form

### Specifications Compliance:

ASTM C 1534 ASTM E84	NFPA 90A, 90B NFPA 255	UL 181 UL 723
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### Approvals, Certifications, Compliances:

- GREENGUARD Gold Certified.
- Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.
- Made with EPA registered Microban® antimicrobial product protection.
- All Armacell facilities in North America are ISO 9001:2008 certified.

### Typical Properties

Specifications:	Values	Test Method:
	AP Coilflex 1"	AP Coilflex 1-1/2"
<b>Thermal Conductivity:</b> Btu • in./h • ft <sup>2</sup> • °F (W/mK)		
75°F Mean Temperature (24°C)	0.25 (0.036)	0.28 (0.040)
90°F Mean Temperature (32°C)	0.256 (0.037)	0.256 (0.037)
<b>Flame Spread and Smoke Developed Index:</b>	25/50 rated	25/50 rated
<b>Mold Growth:</b>	Passed	Passed
<b>Fungi Resistance:</b>		
<b>Bacterial Resistance:</b>		
<b>Upper Use Limit:</b>	180°F [82°C]	180°F [82°C]
<b>Lower Use Limit:</b>	-297°F [-183°C]	-297°F [-183°C]
<b>Erosion Resistance:</b>	Does not break away, flake off or show evidence of delamination at velocities of 10,000 ft/min	
<b>Corrosiveness:</b>	Noncorrosive	Noncorrosive
<b>Odor Emissions:</b>	No objectionable odors	No objectionable odors

R-VALUE	R-4.2	R-6
	1"	1-1/2"

Sizes: Wall Thickness	Roll Width					
1"	46"	47"	48"	56-1/4"	59"	60"
1-1/2"	-	-	48"	-	-	-

Sound Absorption Coefficients at Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	SAA
Thickness Nom. 1- (25mm)	0.08	0.22	1.03	0.37	0.68	0.50	0.60	0.52

### ARMACELL LLC

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AP Coilflex	Duct Liner	021	Submittal	Eng/USA	2/2015
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