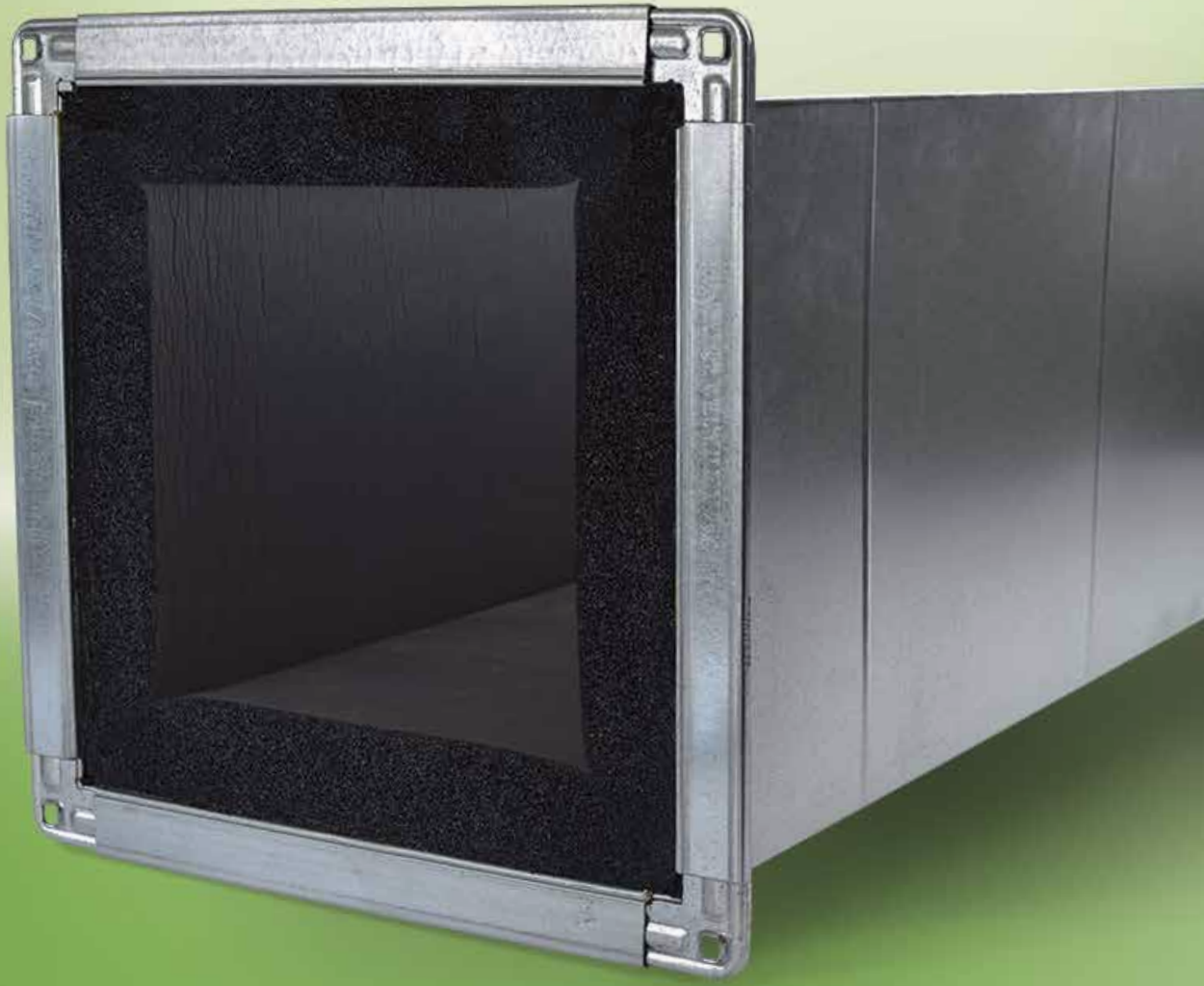


Fiber Free

# 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).



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
-------------------------	---------------------------	------------------

### 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

TEL: 800.866.5638

FAX: 919.304.3847

info.us@armacell.com

www.armacell.us

7600 Oakwood Street Extension, Mebane, NC 27302



Armacell provides this information as a technical service. To the extent the information is derived from sources other than Armacell, Armacell is substantially, if not wholly, relying upon the other source(s) to provide accurate information. Information provided as a result of Armacell's own technical analysis and testing is accurate to the extent of our knowledge and ability, as of date of printing, using effective standardized methods and procedures. Each user of these products, or information, should perform their own tests to determine the safety, fitness and suitability of the products, or combination of products, for any foreseeable purposes, applications and uses by the user and by any third party to which the user may convey the products. Since Armacell cannot control the end use of this product, Armacell does not guarantee that the user will obtain the same results as published in this document. The data and information are provided as a technical service and are subject to change without notice. \* 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. Microban International, Ltd. makes neither direct nor implied health claims for the products containing Microban® antimicrobial product protection. Data, photomicrographs and information presented are based on standard laboratory tests and are provided for comparative purposes to substantiate antimicrobial activity for non-public health uses. Microban is a registered trademark of Microban International, Ltd.

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