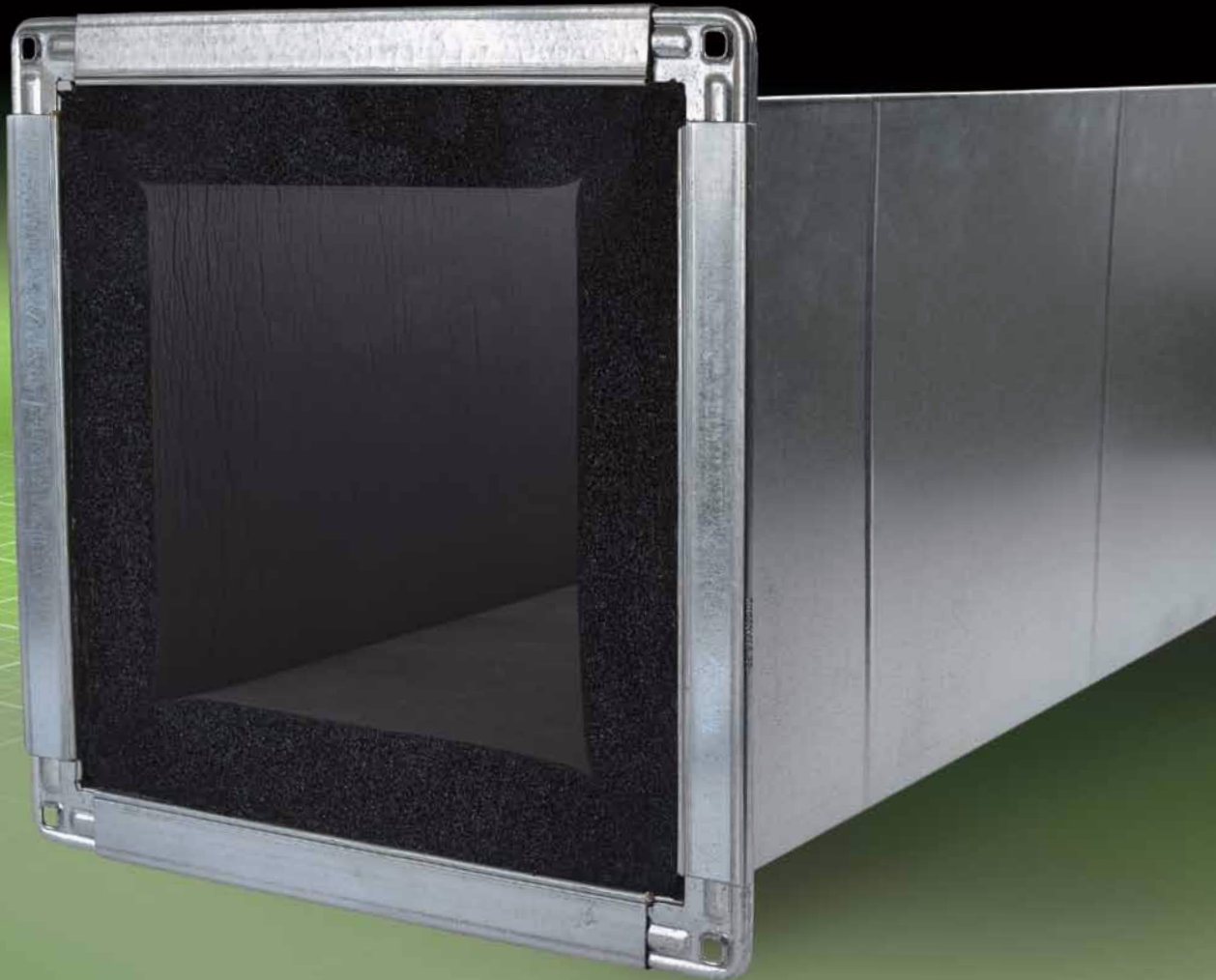


Fiber Free

# 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, low VOC, manufactured with built-in Microban<sup>®</sup> antimicrobial protection to improve Indoor Air Quality
- Meets ASHRAE 90.1 - 2010, ASHRAE Standard 189.1, IECC 2012 and California Title 24 for increased energy efficiency



## 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® Children & Schools Indoor Air Quality certified.
- Made with EPA registered Microban® antimicrobial product protection.
- Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.
- 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>		UL181
<b>Bacterial Resistance:</b>		ASTM G21/C1338
		ASTM G22
<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

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