# **AP/Spiralflex**<sup>®</sup> Spiral Duct Liner

The first elastomeric duct liner specifically designed for spiral ducts. Lightweight and conformable, AP Spiralflex is engineered to provide simplified installation, safeguard IAQ, attenuate HVAC noise and reduce energy loss.



- 20% lighter than ducts that require a heavier, more costly inner metal lining. May reduce overall construction support costs
- Self-supporting and conformable, the flexible lightweight backing keeps insulation tight against the duct wall
- Microban<sup>®</sup> antimicrobial product protection inhibits the growth of mold and mildew in the insulation
- Good at attenuating airborne background noise from HVAC systems
- Meets ASTM E 84 25/50 flame and smoke, ASHRAE 90.1 2010, ASHRAE Standard 189.1, IECC 2012 and California Title 24

# armacell



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 Spiralflex<sup>™</sup> Spiral Duct Liner

#### Description:

Black, conformable, elastomeric composite material in roll form for use as a thermal and acoustical duct liner in spiral ducts. (Not recommended for oval ducts.)

#### Specifications Compliance:

UL 181 UL 723	

### Approvals, Certifications, Compliances:

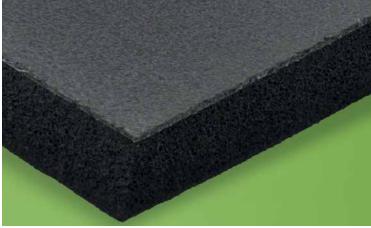
• GREENGUARD<sup>®</sup> Gold Certified.

• Manufactured without CFCs, HFCs, HCFCs, PBDEs, or Formaldehyde.

Made with EPA registered Microban<sup>®</sup> antimicrobial product protection.
All Armacell facilities in North America are ISO 9001:2008 certified.

Typical Properties			
Specifications:	Values	Test Method:	
	AP Spiralflex 1"		
Thermal Conductivity: Btu • in./h •	ft²•°F (W/mK)		
75°F Mean Temperature (24°C) 90°F Mean Temperature (32°C)	0.28 (0.040) 0.286 (0.042)	ASTM C 177 or C 518	
Flame Spread and Smoke Developed Index:	25/50 rated	ASTM E 84	
Mold Growth: Fungi Resistance: Bacterial Resistance:	Passed	UL181 ASTM G21/C1338 ASTM G22	
Upper Use Limit:	180°F (82°C)	ASTM C534	
Lower Use Limit:	-297°F (-183°C)	ASTM C534	
Erosion Resistance:	Does not break away, flake off or show evidence of delamination at velocities of 10,000 ft/min	ASTM C 1071	
Corrosiveness:	Noncorrosive	ASTM C 665	
Odor Emissions:	No objectionable odors	ASTM C 665	

R-VALUE	R-4.2
	1"
Sizes: Wall Thickness	Roll Width
Sizes: Wall Thickness 1" (nominal)	Roll Width



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