

# ARMACELL

## AP/Armaflex Pipe Insulation



Mold resistant AP/Armaflex Pipe (Tube) Insulation is a flexible elastomeric thermal insulation, black in color, supplied as unslit tubing, in: nominal wall thicknesses of 3/8", 1/2", 3/4", 1" and 1-1/2" and popular sizes up to 6" IPS. The expanded closed-cell structure of AP/Armaflex Pipe Insulation makes it an efficient insulation. It is manufactured without the use of CFC's, HFC's or HCFC's. It is also formaldehyde free, low VOCs, fiber free, dust free and resists mold and mildew. All AP Armaflex products are made with Microban® antimicrobial product protection for added defense against mold on the insulation.

**Uses:**

AP/Armaflex Pipe Insulation is used to retard heat gain and control condensation drip from chilled water and refrigeration systems. It also efficiently reduces heat flow for hot-water plumbing and liquid-heating and dual temperature piping. The recommended temperature usage range for AP/Armaflex Pipe Insulation is -297°F to +220°F (-183°C to +105°C). For use on cold pipes, AP/Armaflex Pipe Insulation thicknesses have been calculated to control condensation on the insulation outer surface.

AP/Armaflex Insulation is acceptable in wall thicknesses through 1-1/2" (38mm) for use in air plenums. Conforms to NFPA 90A and NFPA 90B requirements. AP/Armaflex meets the energy code requirements of ASHRAE 90.1, ASHRAE 90.2, International Energy Conservation Code (IECC) and other building codes.

### Nominal 1/2" Wall

Mfg Part No	Pipe Covering Size in 6-ft Length (in)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container	Sleeving Size (in)
		Nominal Size (in)	Outside Diameter (in)				
APT03812	3/8 ID	1/4	3/8	-	450	75	1-3/8 ID
APT01212	1/2 ID	3/8	1/2	1/4	396	66	1-3/8 ID
APT05812	5/8 ID	1/2	5/8	3/8	300	50	1-5/8 ID
APT03412	3/4 ID	5/8	3/4	-	240	40	1-1/2 IPS
APT07812	7/8 ID	3/4	7/8	1/2	210	35	1-1/2 IPS
APT11812	1-1/8 ID	1	1-1/8	3/4	150	25	2-1/8 ID
APT13812	1-3/8 ID	1-1/4	1-3/8	1	120	20	2 IPS
APT15812	1-5/8 ID	1-1/2	1-5/8	1-1/4	90	15	2-1/2 IPS
APT11012	1-1/2 IPS	-	-	1-1/2	90	15	3-1/8 ID
APT21812	2-1/8 ID	2	2-1/8	-	60	10	3-5/8 ID+
APT20012	2 IPS	-	-	2	60	10	3-5/8 ID
APT25812	2-5/8 ID	2-1/2	2-5/8	-	60	10	4-1/8 ID+
APT21012	2-1/2 IPS	-	-	2-1/2	48	8	4-1/8
APT31812	3-1/8 ID	3	3-1/8	-	42	7	4 IPS+
APT30012	3 IPS	-	-	3	36	6	5 IPS+
APT35812	3-5/8 ID	3-1/2	3-5/8	-	36	6	5 IPS+
APT41812	4-1/8 ID	4	4-1/8	3-1/2	24	4	5 IPS+
APT40012	4 IPS	-	-	4	24	4	Sheet
APT50012	5 IPS	-	-	5	12	2	Sheet
APT60012	6 IPS	-	-	6	12	2	Sheet

### Nominal 3/4" Wall

Mfg Part No	Pipe Covering Size in 6-ft Length (in)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container	Sleeving Size (in)
		Nominal Size (in)	Outside Diameter (in)				
APT03834	3/8 ID	1/4	3/8	-	240	40	1-1/2 IPS
APT01234	1/2 ID	3/8	1/2	1/4	210	35	1-1/2 IPS
APT05834	5/8 ID	1/2	5/8	3/8	144	24	2-1/8 ID
APT03434	3/4 ID	5/8	3/4	-	138	23	2 IPS
APT07834	7/8 ID	3/4	7/8	1/2	120	20	2 IPS
APT11834	1-1/8 ID	1	1-1/8	3/4	90	15	2-1/2 IPS
APT13834	1-3/8 ID	1-1/4	1-3/8	1	72	12	3-1/8 ID
APT15834	1-5/8 ID	1-1/2	1-5/8	1-1/4	60	10	3-5/8 ID
APT11034	1-1/2 IPS	-	-	1-1/2	60	10	3-5/8 ID
APT21834	2-1/8 ID	2	2-1/8	-	54	9	4-1/8 ID+
APT20034	2 IPS	-	-	2	48	8	4-1/8 ID
APT25834	2-5/8 ID	2-1/2	2-5/8	-	48	8	4 IPS+
APT21034	2-1/2 IPS	-	-	2-1/2	42	7	4 IPS
APT31834	3-1/8 ID	3	3-1/8	-	36	6	5 IPS+
APT30034	3 IPS	-	-	3	30	5	5 IPS+
APT35834	3-5/8 ID	3-1/2	3-5/8	-	30	5	5 IPS+
APT41834	4-1/8 ID	4	4-1/8	3-1/2	24	4	Sheet

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

**AP/Armaflex Pipe Insulation**



**Nominal 1" Wall**

Mfg Part No	Pipe Covering Size in 6-ft Length (in)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container	Sleeving Size (in)
		Nominal Size (in)	Outside Diameter (in)				
APT05810	5/8 ID	1/2	5/8	3/8	120	20	2-5/8 ID
APT03410	3/4 ID	5/8	3/4	-	90	15	2-1/2 IPS
APT07810	7/8 ID	3/4	7/8	1/2	90	15	2-1/2 IPS
APT11810	1-1/8 ID	1	1-1/8	3/4	72	12	3-5/8 ID
APT13810	1-3/8 ID	1-1/4	1-3/8	1	60	10	4-1/8 ID+
APT15810	1-5/8 ID	1-1/2	1-5/8	1-1/4	48	8	4-1/8 ID
APT11010	1-1/2 IPS	-	-	1-1/2	42	7	4 IPS+
APT21810	2-1/8 ID	2	2-1/8	-	36	6	4 IPS+
APT20010	2 IPS	-	-	2	36	6	5 IPS+
APT25810	2-5/8 ID	2-1/2	2-5/8	-	36	6	5 IPS+
APT21010	2-1/2 IPS	-	-	2-1/2	30	5	5 IPS
APT31810	3-1/8 ID	3	3-1/8	-	30	5	5 IPS
APT30010	3 IPS	-	-	3	24	4	Sheet
APT35810	3-5/8 ID	3-1/2	3-5/8	-	24	4	Sheet
APT41810	4-1/8 ID	4	4-1/8	3-1/2	18	3	Sheet

**AC/Accoflex Pipe Insulation**



**Description**

AC Accoflex Coil is a system designed for convenience and labor savings, with superior toughness. It is provided in continuous length coils, designed to minimize waste and reduce butt joints, and packaged in easy-handle, easy-store cartons. The pipe insulation is tough but flexible elastomeric thermal insulation, black in color, supplied as continuous-length unslit tubing in nominal wall thicknesses of 3/8" (10mm) and 1/2" (13mm) in popular sizes up to 1-1/8" ID. Its closed cell structure prevents moisture from wicking and makes it an efficient insulation with the proven performance of Accoflex. It is manufactured without the use of CFC's, HCFC's or HFC's. It is also formaldehyde free, fiber free, dust free and resists mold and mildew.

**Uses**

AC Accoflex Coil is used to retard heat gain and control condensation drip from chilled water and refrigeration systems. It also efficiently reduces heat flow on hot systems. AC Accoflex is engineered for air conditioning applications in which speed, ease of installation, convenient handling and on-site durability are of primary importance. AC Accoflex Coil is acceptable for use in air plenums. Conforms to NFPA 90A and NFPA 90B requirements.

**Nominal 3/8" Wall**

Mfg Part No	Pipe Covering Size in 6-ft Length (in)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container
		Nominal Size (in)	Outside Diameter (in)			
ACT03838	3/8 ID	1/4	3/8	-	600	100
ACT01238	1/2 ID	3/8	1/2	1/4	480	80
ACT05838	5/8 ID	1/2	5/8	3/8	390	65
ACT03438	3/4 ID	5/8	3/4	-	330	55
ACT07838	7/8 ID	3/4	7/8	1/2	270	45
ACT11838	1-1/8 ID	1	1-1/8	3/4	210	35
ACT13838	1-3/8 ID	1-1/4	1-3/8	1	180	30
ACT15838	1-5/8 ID	1-1/2	1-5/8	1-1/4	120	20
ACT21838	2-1/8 ID	2	2-1/8	-	96	16
ACT25838	2-5/8 ID	2-1/2	2-5/8	-	72	12
ACT31838	3-1/8 ID	3	3-1/8	-	54	9

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## AC/Accoflex Pipe Insulation



### Nominal 1/2" Wall

Mfg Part No	Pipe Covering Size in 6-ft Length (in ID)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container
		Nominal Size (in)	Outside Diameter (in)			
ACT03812	3/8	1/4	3/8	-	450	75
ACT01212	1/2	3/8	1/2	1/4	396	66
ACT05812	5/8	1/2	5/8	3/8	300	50
ACT03412	3/4	5/8	3/4	-	240	40
ACT07812	7/8	3/4	7/8	1/2	210	35
ACT11812	1-1/8	1	1-1/8	3/4	150	25
ACT13812	1-3/8	1-1/4	1-3/8	1	120	20
ACT15812	1-5/8	1-1/2	1-5/8	1-1/4	90	15
ACT21812	2-1/8	2	2-1/8	-	60	10
ACT25812	2-5/8	2-1/2	2-5/8	-	60	10
ACT31812	3-1/8	3	3-1/8	-	42	7
ACT35812	3-5/8	3-1/2	3-5/8	3	36	6
ACT41812	4-1/8	4	4-1/8	3-1/2	24	4

### Nominal 3/4" Wall

Mfg Part No	Pipe Covering Size in 6-ft Length (in ID)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container
		Nominal Size (in)	Outside Diameter (in)			
ACT03834	3/8	1/4	3/8	-	240	40
ACT01234	1/2	3/8	1/2	1/4	210	35
ACT05834	5/8	1/2	5/8	3/8	144	24
ACT03434	3/4	5/8	3/4	-	138	23
ACT07834	7/8	3/4	7/8	1/2	120	20
ACT11834	1-1/8	1	1-1/8	3/4	90	15
ACT13834	1-3/8	1-1/4	1-3/8	1	72	12
ACT15834	1-5/8	1-1/2	1-5/8	1-1/4	60	10
ACT21834	2-1/8	2	2-1/8	-	54	9
ACT25834	2-5/8	2-1/2	2-5/8	-	48	8
ACT31834	3-1/8	3	3-1/8	-	36	6
ACT35834	3-5/8	3-1/2	3-5/8	3	30	5
ACT41834	4-1/8	4	4-1/8	3-1/2	24	4

### Nominal 1" Wall

Mfg Part No	Pipe Covering Size in 6-ft Length (in ID)	Copper Tubing Size		Iron Pipe (in)	Container (Linear Ft)	Tubes/Container
		Nominal Size (in)	Outside Diameter (in)			
ACT05810	5/8	1/2	5/8	3/8	120	20
ACT03410	3/4	5/8	3/4	-	90	15
ACT07810	7/8	3/4	7/8	1/2	90	15
ACT11810	1-1/8	1	1-1/8	3/4	72	12
ACT12810	1-3/8	1-1/4	1-3/8	1	60	10
ACT15810	1-5/8	1-1/2	1-5/8	1-1/4	48	8
ACT21810	2-1/8	2	2-1/8	-	36	6
ACT25810	2-5/8	2-1/2	2-5/8	-	36	6
ACT31810	3-1/8	3	3-1/8	-	30	5
ACT35810	3-5/8	3-1/2	3-5/8	3	24	4
ACT41810	4-1/8	4	4-1/8	3-1/2	18	3

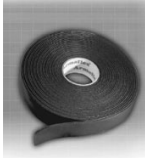
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Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
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Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

**Accessories**



**Armaflex Insulation Tape**



Mold resistant AP/Armaflex Insulation Tape is made of high-quality AP/Armaflex Insulation, an elastomeric thermal insulation material. The self-adhering tape is supplied in convenient strip form, 2" (50mm) wide, 30' (9.1m) long and 1/8" (3mm) thick. No bands, wires, or additional adhesive needed. Available in standard cartons and tape dispensers. The expanded closed-cell structure of Armaflex makes it an efficient insulation. It is manufactured without the use of CFC's, HFC's or HCFC's. It is also formaldehyde free, low VOC's, fiber free, dust free and resists mold and mildew. It is also made with Microban® antimicrobial product protection.

**Uses**

AP/Armaflex Insulation Tape provides a fast, easy method of insulating pipes and fittings. It is used to retard heat gain and control condensation drip on domestic cold-water, chilled-water, and other cold piping and fittings and to reduce heat loss when applied to hot-water lines that will operate up to 180 F (82 C). AP/Armaflex Insulation Tape may be used in conjunction with AP/Armaflex Pipe and Sheet Insulation. Its greatest advantage, however, is the ease with which it can be used to insulate short lengths of pipe and fittings in congested or hard-to-reach areas.

Mfg Part No	Size	Carton	Description
TAP9584000	1/8" x 2' x 30'	24 rolls	-
TAP18230	1/8" x 2' x 30'	24 rolls	with dispenser

**Armaflex 520 Adhesive**



Armaflex® 520 Adhesive is an air-drying contact adhesive that is excellent for joining seams and butt joints of Armaflex Pipe and Sheet Insulations for line temperatures up to 250°F (120°C). The adhesive may also be used to apply Armaflex Sheet Insulation to flat or curved metal surfaces that will operate at temperatures up to 180°F (82°C).

- Meets Military Specification MIL-A-24179A and Amend-2 as Type II, Class 1
- Dried film also meets 25/50 flammability and smoke developed index requirements of codes and specifications when tested by ASTM E 84 Method.

**Uses**

520 Adhesive will make a resilient and heat-resistant bond with many materials where the use of a solvent-base neoprene contact adhesive is suitable and desirable. It will make a strong resilient bond for sealing laminated aluminum foil and kraft paper vapor-retarder jackets.

Mfg Part No	Container Size	Carton
AAD520002	1/2 pint brush-top	48
AAD520003	1 pint	24
AAD520004	1 pint brush-top	24
AAD520005	1 quart	12
AAD520006	1 gallon	4

**WB/Armaflex Finish (Water Base)**

Armaflex WB Finish is a white water-based latex enamel supplied in gallon or quart containers for use over all forms of Armaflex Insulations. It provides a protective finish suitable to both indoor and outdoor applications. It is now formulated for greater durability and cold weather flexibility to resist cracking.

Armaflex WB Finish is provided in handy plastic tubs, and brushes or rolls on easily. The water-based formulation makes it fast-drying without solvent fumes. Clean up with soap and warm water.

Mfg Part No	Container Size	Carton	Color
WBF8530005	1 quart	6	white
WBF8530006	1 gallon	4	white

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**Contact your local Meier Supply branch for pricing!**