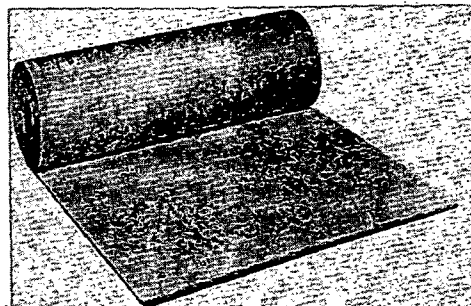


Pittsburgh Plate Glass Company

FIBER GLASS DIVISION

One Gateway Center

Pittsburgh 22, Pennsylvania



Pittsburgh Superfine insulation is composed of extremely fine glass fibers, ranging upward in diameter from only 3/100,000 of an inch. It's an exceptionally lightweight, efficient thermal and acoustical insulating material. When specifications call for controlled heat or cold—or you need sound absorbed or vibration deadened—here are some of the advantages Pittsburgh Superfine Fiber Glass insulation provide:

High Thermal Efficiency—Thermal conductivity, k , at a mean temperature of 75 F is 0.22 to 0.27 Btu/sq ft/hr/deg F/in. thickness, depending on density. Effective for both high and low temperatures ranging up to 500 F.

Fine Acoustical Properties Noise reduction coefficient of a 1 in. thickness is as high as 0.80 with the sound absorption curve showing high efficiencies in the ranges of the most irritating noise.

Light Weight, Easy to Handle—Added load in any application is virtually negligible. Density as low as 0.6 pound per cubic foot. Readily cut with knife, shears, or die. Can easily be sewed and quilted, glued, tacked or taped into position.

Flexible, Resilient, Tough, and Soft Can be used on round or irregularly shaped objects and spaces as easily as in conventional layers. Fits closely into corners and tight spots quickly and easily, without damage to its structure.

Saves Vital Space—In use: Higher insulating efficiency means less thickness of Superfine required, as compared to ordinary insulation. In shipment: Packaged compressed to reduce shipping and storage space.

STANDARD SPECIFICATIONS—Pittsburgh Superfine is available in standard roll widths of 18 in., 24 in., 36 in., 48 in., 54 in. and 72 in. It can be supplied in any desired slit down to 2 in. Rolls are wound on 2 in. tubes and wrapped in heavy kraft paper. Superfine is also available in special lengths on request. It can be furnished vinyl coated, or with various paper, cloth or foil facings.

Type	Density (lbs per cu ft)	Thickness (inches)	Approx sq ft per lb	Typical Roll Lengths (feet)	Approx OD of Rolls (inches)
S-314	0.6	1/2	40	100	18
		3/4	26.7	100	22
		1	20	100	26
		1 1/2	13.3	100	30
		2	10	100	32
S-315	0.75	3	6.7	100	38
		1/2	64	100	10
		3/4	32	100	16
		1	21.3	100	20
		1 1/2	16	100	23
S-316	1.0	2	10.7	100	26
		3	8	100	28
		1/2	5.3	50	27
		3/4	48	100	10
		1	24	100	14
S-317	1.5	1 1/2	16	100	17
		2	12	100	20
		3	8	100	24
		1/2	6	100	34
		3/4	4	100	39
S-318	2.0	1	32	100	13
		3/4	16	100	18
		1 1/2	10.7	100	22
		2	8	100	25
		3	5.3	100	31
S-319	3.0	1/2	24	100	13
		3/4	12	100	23
		1	8	100	27
		1 1/2	6	100	32
		2	4	50	29
S-105 (Air-craft)	0.6	1/2	16	100	16
		3/4	8	100	23
		1	5.3	100	28
		1 1/2	4	50	26
		2	40	50	14

Armstrong

CORK COMPANY

Lancaster, Pennsylvania

DISTRICT OFFICES IN MAJOR CITIES

Low Temperature Insulations

Corkboard—Moisture resistant, strong, durable, lightweight, easy to handle. Sizes: 36 in. long; 12 in., 18 in., 24 in., 36 in. wide; 1 in., 1 1/2 in., 2 in., 3 in., 4 in., 6 in. thick. K factor: 0.27.

LT* Cork Coverings—low-cost, easy-to-apply insulations for lines operating at temperatures down to -30 F. Made of precision cut segments of corkboard, cemented to 3-ply vaporproof paper. Thickness: 3/8 in., 1 1/2 in., 2 in., 2 1/4 in.

Armaflex*—flexible plastic insulation for fast installation on copper tubing and other hard-to-insulate lines. For temperatures from 32 to 200 F. K factor: 0.23. Inside diameters: 3/8 in., 7/8 in., 1 1/2 in., 1 3/8 in.

Armaglas* PF Insulation—all-purpose, easy-to-apply insulation for tanks, vessels and equipment. Size: 24 in. x 48 in. Densities from 3.5 to 9 lbs per cu ft.

Armaglas AB Board—a rigid glass fiber board for cold room walls, ceilings and partitions. Coated with asphalt. Size: 12 in. x 36 in. 6 lb and 9 lb densities.

Heat Insulations

Armtemp*—strong, mineral wool insulation for tanks, ducts and other heated surfaces. In block form for temperatures up to 1900 F; in blankets for temperatures up to 1200 F.

Armabestos*—asbestos fibers formed into pipe covering and block. Pipe covering, A-7 for temperatures up to 750 F; A-12 for temperatures up to 1200 F. Block for use up to 1200 F.

Armaglas Pipe Coverings—a glass fiber insulation for temperatures up to 400 F. Plain or with aluminum foil vapor jacket. In 3 ft long sections for pipes up to 33 in. in size. Copper tubing sizes from 3/8 in. to 6 in.

Armaglas WA Pipe Covering—flexible, light-weight blankets for wrapping around lines operating up to 600 F. Furnished 3/4 in. thick and compressed to 1/2 in. in application.

Armaglas Blanket Type Pipe Covering—for irregularly shaped pipes operating up to 1000 F. 1 in., 1 1/2 in., 2 in., 3 in., 4 in. thick. Length: 2 in.

Armaglas Low-Pressure Pipe Covering—for cold water, hot water and low-pressure steam lines. Preformed of glass

Armaglas is manufactured by the Owens-Corning Fiberglas Corp.
* Trade-Mark

fibers in 3 ft. molded half-sections. Fits pipe sizes up to 8 in. and copper tubing up to 3 in.

Armaglas PF Insulation—an all-purpose material for use on tanks and vessels operating up to 400 F. Comes in panels and boards; in 7 densities from 2.5 to 10.5 lbs per cu ft.

Armaglas Insulating Wool—comes in rolls, batts and shredded; for many industrial applications where temperatures go up to 1000 F. Thicknesses: 3/4 in. up to 3 1/4 in.

Armaglas Metal Mesh Blankets—for large, hard-to-insulate equipment. Made of glass fibers faced on one or both sides with wire mesh or metal lath. For temperatures to 1000 F. Sizes: 2 ft x 8 ft, 2 ft x 4 ft. Thicknesses from 1 in. to 6 in.

Armaglas Block Insulation—for boilers, breechings, tanks and other process equipment operating up to 400 F. 6 in. and 12 in. wide, 36 in. wide. 3/4 in., 1 in., 1 1/4 in., 2 in. thick.

Duct Insulations

Armaglas PF Duct Insulation—low-cost insulation for exterior duct surfaces. Size: 24 in. x 48 in. Thicknesses: 1/2 in. and 1 in. For temperatures up to 400 F.

Armaglas Coated Duct Insulation—has a neoprene finish to provide good painting surface and prevent air erosion. Up to 250 F.

Armaglas Vapor-Seal Duct Insulation—both thermal insulation and sound absorber with built-in vapor barrier. For cool air ducts where condensation is a problem. 24 in. x 48 in. size; 3/4 in., 1 in., 1 1/2 in., 2 in. thicknesses. Up to 250 F.

Armaglas Flexible Duct Insulation—All-purpose insulating blanket and sound conditioning for fast application on hot or cold ducts of any size or shape. Up to 250 F.

Armaglas Flexible Duct Liner—Neoprene-coated and used as sound-absorbing insulation inside warm air or cooling ducts. 36 in. wide; 1/2 in. and 1 in. thicknesses. Up to 250 F.

Armstrong Contract Service

This complete, nationwide service provides materials, engineers, supervisors, work crews, research and testing facilities. Your nearest Armstrong office will furnish prompt estimates, technical assistance and product information without obligation.