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Duct Wrap

Product Specifications and Key Features

Quietflex® Brand Duct Wrap is a foil faced fiberglass bonded with thermosetting resin. FSK facing is applied during the manufacturing process to insure a strong, long lasting bond between the base blanket and the facing.

Quietflex® Brand Duct Wrap is an external insulation for sheet metal ducts in HVAC systems to enhance environmental quality by absorbing unwanted noise within the duct and increasing indoor comfort and energy efficiency by decreasing heat loss or gain through the duct walls. All facings are supplied with a single 2 inch (51mm) stapling tab.

Advantages

- **Sound Absorption**
Helps reduce unwanted noise created by the air ventilation system.
- **Low Thermal Conductivity**
Creates a more efficient and comfortable indoor environment.
- **Energy Efficient**
Saves energy compared to uninsulated sheet metal duct work.
- **Fabrication and Installation**
This product is designed to make the contractors' installation process fast and easy. This type of design provides for a simple and easy installation around metal ducts.
- **Resistant to Bacterial and Fungal Growth**
In accordance with ASTM C 1338.
- **Easy to Clean and Maintain**
Should be maintained in accordance to NAIMA.
- **Specification Compliance**
ASTM C 1290
ASTM C 553
ASTM C 1136



Physical Properties and Specification Compliance

PROPERTY	METHOD OF TESTING	VALUE
Operating Temperature	ASTM C 411	Up to 250°F (121°C)
Microbial Growth	ASTM C 1338	Does Not Support the Growth of Mold, Fungi and Bacteria
Flame Spread Index	ASTM E 84	Less than 25
Smoke Developed Index	ASTM E 84	Less than 50
Water Vapor Sorption	ASTM C 1104	Less than 5% weight at 120°F (49°C), 95% R.H.
Potential Heat	NFPA 259	0, Does not ignite
Corrosion Resistance	ASTM C 665	Pass for steel
Specification Compliance	ASTM C 1290	Flexible Fibrous Glass Blanket Insulation Used to Externally insulate HVAC Ducts, Type III
	ASTM C 553	Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications, Type I and II
	ASTM C 1136	Flexible, Low Permeance Vapor Retarders for Thermal Insulation

Availability

NOMINAL THICKNESS	WIDTH	LENGTH	FACING
Inch	Inch	Feet	
1.50	48	100	50" FSK
2.20	48	75	50" FSK
3.00	48	50	50" FSK

Thermal Performance

NOMINAL THICKNESS	THERMAL CONDUCTIVITY (K)	R-VALUE	
		hr-ft ² -°F/Btu	
		Out of Package	Installed*
Inch	Btu-in/hr-ft ² -°F		
1.50	0.28	5.2	4.2
2.20	0.28	7.7	6.0
3.00	0.28	10.4	8.3

*Assumes 25% compression

WARNING!!!

Textile glass fibers are used to manufacture this fiberglass insulation product. Handling, installing, or removing the product may result in some fiberglass contact. Users of this product are therefore advised to wear appropriate personal protective equipment so as not to experience skin, eye, or respiratory irritation. Gloves and eye protection, long sleeved, loose fitting clothing are recommended when installing or otherwise handling the product. Avoid breathing fiberglass dust and avoid contact with skin or eyes. A NIOSH approved (N95 or higher) disposable or reusable dust respirator properly fitted is recommended whenever the product is handled. Respiratory protection is mandatory when the dust levels in the workplace exceed OSHA permissible exposure limits or if worker irritation occurs. Work clothes should be washed separately and the washer rinsed after use.

FIRST AID MEASURES

If dust gets into eyes flush eyes with water to remove the fiber dust. If symptoms persist seek medical attention. Fibers can be removed by washing the skin with soap and warm water after handling this product. Further product safety information is available from your employer. The Material Safety Data Sheet is available from your distributor, directly from Quietflex or on the Quietflex website www.quietflex.com

The physical and chemical properties of Quietflex Semi-Cured Blanket represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with Quietflex Manufacturing Company, L.P. to obtain current information.



QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2000
Houston Facility



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