

# PRODUCT SELECTION GUIDE

## HVAC Insulation

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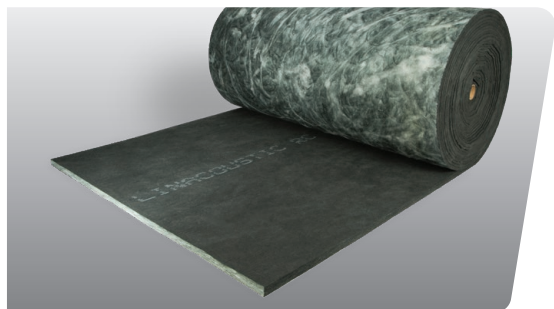
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# DUCT LINER INSULATION

## Linacoustic® RC

Fiberglass Duct Liner with Reinforced Coating



Linacoustic® RC insulation is a flexible, fiberglass duct liner. The airstream surface is protected with JM's exclusive reinforced coating system, a glass mat surface coated with Permacote® antimicrobial coating.

Operating Temperature Limit: 250°F (121°C)  
Maximum Air Velocity: 6,000 fpm (30.5 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
½	13	2.2	0.39
1	25	4.2	0.74
1½	38	6.3	1.11
2	51	8.0	1.41
3	76.2	12.0	2.11

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

in	mm	125	250	500	1000	2000	4000	NRC
½	13	0.07	0.20	0.44	0.66	0.84	0.93	0.55
1	25	0.08	0.31	0.64	0.84	0.97	1.03	0.70
1½	38	0.10	0.47	0.85	1.01	1.02	0.99	0.85
2	51	0.25	0.66	1.00	1.05	1.02	1.01	0.95
3	76.2	0.47	0.96	1.17	1.10	1.02	1.05	1.05

### SPECIFICATION COMPLIANCE

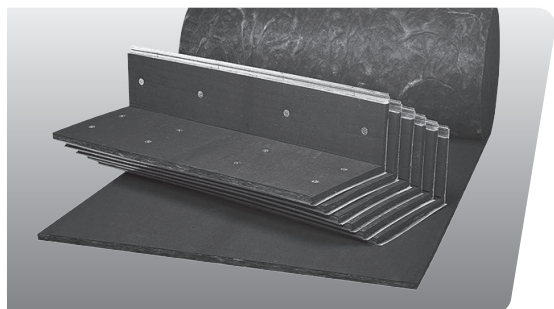
ASTM C1071, Type I, Flexible  
ASTM G21 and G22  
SMACNA Application Standards for Duct Liners  
NAIMA Fibrous Glass Duct Liner Installation  
ASTM E84, FHC 25/50  
NFPA 90A and 90B  
ICC Compliant  
Conforms to ASHRAE 62  
Canada: CGSB 51-GP-11M and CAN/ULC S102

#### Recycled Content:

Refer to JM.com  
Greenguard Certified

## Linacoustic® RC-HP

High-Density Fiberglass Duct Liner with Reinforced Coating and Superior Acoustical Performance



Linacoustic® RC-HP insulation is a flexible, fiberglass duct liner with higher density and enhanced acoustical control when compared to standard duct liners. The airstream surface is protected with JM's exclusive reinforced coating system, a glass mat surface coated with Permacote antimicrobial coating.

Operating Temperature Limit: 250°F (121°C)  
Maximum Air Velocity: 6,000 fpm (30.5 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	4.3	0.76

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

in	mm	125	250	500	1000	2000	4000	NRC
1	25	0.04	0.24	0.69	0.96	1.05	1.01	0.75

### SPECIFICATION COMPLIANCE

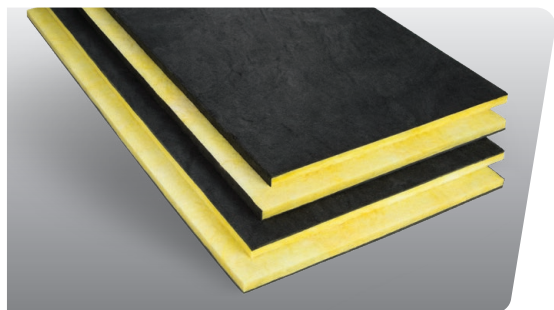
ASTM C1071, Type I  
Conforms to ASHRAE 62  
MEA #353-93-M  
SMACNA Application Standards for Duct Liners  
NAIMA Fibrous Glass Duct Liner Installation Standard  
ASTM D5116-State of Washington  
Canada: CGSB 51-GP-11M and CAN/ULC S102  
ASTM E84, FHC 25/50  
NFPA 90A and 90B

#### Recycled Content:

Refer to JM.com  
Greenguard Certified

## Linacoustic® R-300

Rigid Fiberglass Plenum Liner Board with Reinforced Coating



Linacoustic® R-300 is a rigid fiberglass board designed to line ducts in plenum spaces. The insulation has a glass mat airstream surface treated with the antimicrobial Permacote coating.

Operating Temperature Limit: 250°F (121°C)  
Maximum Air Velocity: 6,000 fpm (30.5 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	4.3	0.76
1½	38	6.3	1.11
2	51	8.7	1.53
3	76.2	13.0	2.34
4	101.6	17.4	3.13

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

in	mm	125	250	500	1000	2000	4000	NRC
1	25	0.04	0.26	0.69	1.00	1.07	1.02	0.75
1½	38	0.14	0.52	1.01	1.07	1.03	0.97	0.90
2	51	0.26	0.73	1.10	1.10	1.04	1.03	1.00
3	76.2	0.56	1.18	1.24	1.12	1.04	1.03	1.15
4	101.6	0.81	1.30	1.26	1.12	1.04	1.05	1.20

### SPECIFICATION COMPLIANCE

ASTM C1071, Type II  
ASTM G21 and G22  
SMACNA Application Standards for Duct Liners  
NAIMA Fibrous Glass Duct Liner Installation  
ASTM E84, FHC 25/50  
NFPA 90A and 90B  
Conforms to ASHRAE 62  
MEA #353-93-M  
Canada: CGSB 51.10 and CAN/ULC S102

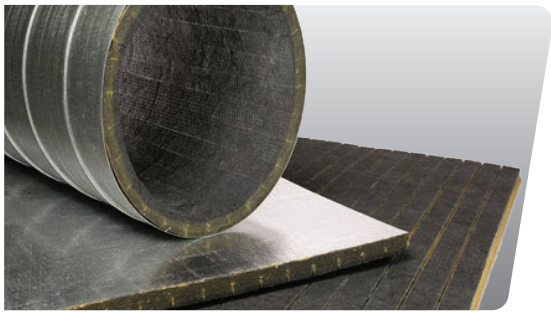
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Greenguard Certified



## Spiracoustic Plus® System

Fiberglass Liner with Reinforced Coating for Spiral Metal Ducts



Spiracoustic Plus® is a fiberglass insulation designed to line spiral ducts. It has factory-made, evenly spaced kerfs to allow the material to easily conform to the inside diameter of spiral air ducts. The airstream surface and transverse edges are protected with JM's factory-applied Permacote coating. Spiracoustic Plus can save time and reduce weight when compared to some double-wall systems.

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 6,000 fpm (30.5 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	4.3	0.76
1½	38	6.4	1.13
2	51	8.4	1.48

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

in	mm	125	250	500	1000	2000	4000	NRC
1	25	0.05	0.21	0.71	1.01	1.07	1.09	0.75
1½	38	0.10	0.39	1.02	1.08	1.04	1.00	0.85
2	51	0.17	0.63	1.10	1.05	1.09	1.06	0.95

### SPECIFICATION COMPLIANCE

ASTM C1071 Air Erosion Test / UL 181

ASTM G21 and G22

ASTM E84, FHC 25/50

NFPA 90A and 90B

Conforms to ASHRAE 62

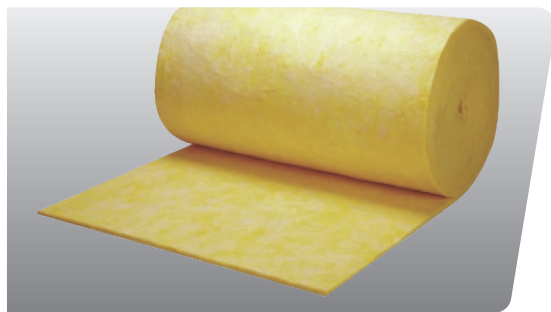
ULC S102

#### Recycled Content:

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Greenguard Certified

## Spiral SG®

Fiberglass Double-Wall Insulation



Spiral SG® is a fiberglass insulation designed for double-wall applications. The insulation comes in a variety of thicknesses to help optimize thermal and acoustical performance. It is made from rotary-process glass fibers bonded with a thermosetting resin, improving tensile strength and flexibility, and making it resistant to damage during installation.

Operating Temperature Limit: 350°F (177°C)

### THERMAL PERFORMANCE

K-Value @ 75°F (24°C) Mean Temp.

Type	PCF	KG/M <sup>3</sup>	Btu•in/(hr•ft <sup>2</sup> •°F)	W/M•°C
75	0.75	12	0.30	0.043
85	0.85	14	0.27	0.039
100	1.04	17	0.26	0.037
125	1.20	19	0.25	0.036
150	1.56	25	0.24	0.035

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
85	1	25	0.11	0.31	0.60	0.80	0.90	0.93	0.65
85	2	51	0.16	0.60	0.92	0.98	0.97	1.01	0.85
100	1	25	0.09	0.30	0.60	0.77	0.89	0.93	0.65
100	2	51	0.18	0.64	0.99	1.02	1.01	1.04	0.90
150	1	25	0.10	0.28	0.62	0.84	0.95	0.97	0.65
150	2	51	0.22	0.71	1.03	1.08	1.05	1.02	0.95

### SPECIFICATION COMPLIANCE

ASTM E84, FHC 25/50

NFPA 90A and 90B

CAN/ULC S102

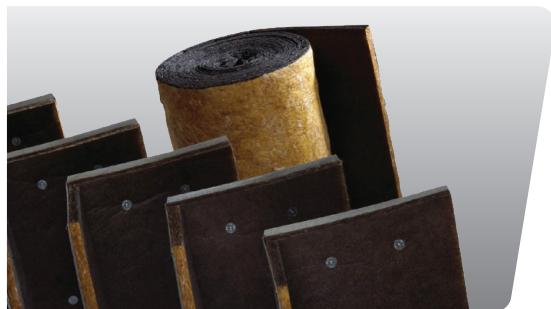
UL 723

#### Recycled Content:

Refer to JM.com  
Greenguard Certified

## LinaTex®

Textile Fiber Duct Liner



LinaTex® is a textile fiber duct liner specifically designed for lining sheet metal ducts in HVAC systems. The airstream surface is protected with a high-density glass mat that can withstand exposure to air velocities up to 5,000 fpm (25.4 m/sec).

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 5,000 fpm (25.4 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

Type	in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
300	½	13	2.6	0.45
300	1	25	4.2	0.74
200	½	13	2.4	0.42
150	1	25	3.7	0.65
150	1½	38	5.5	0.97

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
300	½	13	0.03	0.14	0.30	0.55	0.72	0.84	0.45
300	1	25	0.08	0.27	0.62	0.86	0.92	0.91	0.65
200	½	13	0.06	0.13	0.28	0.52	0.71	0.74	0.40
150	1	25	0.09	0.24	0.50	0.70	0.86	0.87	0.60
150	1½	38	0.18	0.37	0.68	0.90	1.02	0.93	0.75

### SPECIFICATION COMPLIANCE

ASTM C1071, Type I, Flexible

ASTM G21 and G22

ASTM D5116-State of Washington

SMACNA Application Standards for Duct Liners

NAIMA Fibrous Glass Duct Liner Installation

ASTM E84, FHC 25/50

NFPA 90A and 90B

Conforms to ASHRAE 62

Canada: CGSB 51-GP-11M and CAN/ULC S102

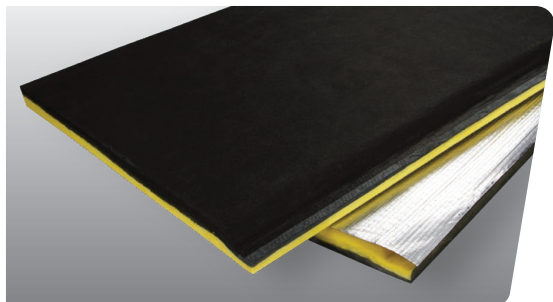
#### Recycled Content:

Refer to JM.com

# DUCT BOARD INSULATION

## SuperDuct® RC System

Fiberglass Duct Board with a Coated Glassmat Airstream Surface



SuperDuct® RC is an FSK-faced fiberglass duct board insulation designed to be fabricated into rectangular ducts. Each board comes with a male or female shiplap to help make the fabrication process more efficient and accurate. The insulation itself has a glass mat airstream surface that is coated with the antimicrobial Permacote coating to improve durability and offer resistance to microbial growth.

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 6,000 fpm (30.5 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	Type	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	475	4.3	0.76
1½	38	800	6.5	1.15
2	51	800	8.7	1.53

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
475	1	25	0.04	0.27	0.71	0.96	1.03	0.99	0.75
800	1½	38	0.11	0.45	0.96	1.07	1.06	1.00	0.90
800	2	51	0.14	0.81	1.10	1.07	1.03	1.01	1.00

### SPECIFICATION COMPLIANCE

UL 181, Class 1 Rigid Air Duct Listed

Conforms to ASHRAE 62

ASTM G21 and G22

Canada: CGSB 51.10

CAN/ULC-S110M

MEA# 237-86-M

ASTM E84, FHC 25/50

NFPA 90A and 90B

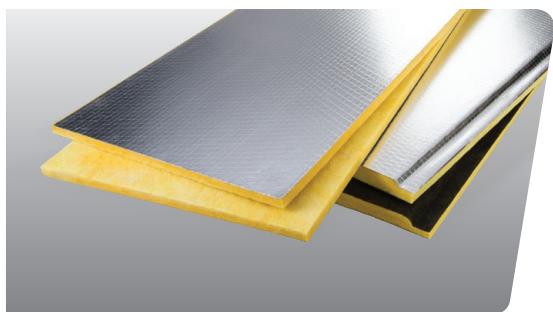
#### Recycled Content:

Refer to JM.com

Greenguard Certified

## Mat-Faced Micro-Aire®

Fiberglass Duct Board with a Glassmat Airstream Surface



Mat-Faced Micro-Aire® is an FSK-faced fiberglass duct board insulation designed to be fabricated into rectangular ducts. The insulation features a glass mat airstream surface and male and female shiplaps to improve durability and efficiency during the fabrication process.

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 5,000 fpm (25.4 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	Type	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	475	4.3	0.76
1½	38	800	6.5	1.15
2	51	800	8.7	1.53

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
475	1	25	0.07	0.25	0.63	0.90	0.97	1.00	0.70
800	1½	38	0.10	0.42	0.91	1.04	1.04	1.04	0.85
800	2	51	0.17	0.63	1.10	1.05	1.04	1.06	0.95

### SPECIFICATION COMPLIANCE

UL 181, Class 1 Rigid Air Duct Listed

ASTM G21 and G22

Conforms to ASHRAE 62

ICC Compliant

MEA# 237-86-M

ASTM E84, FHC 25/50

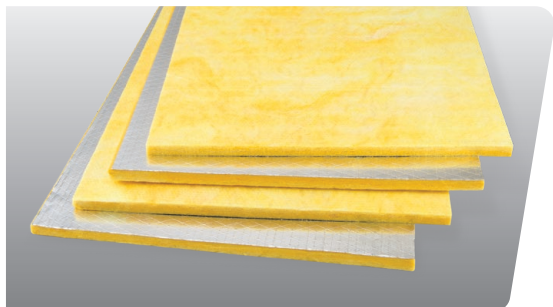
NFPA 90A and 90B

#### Recycled Content:

Refer to JM.com

## Micro-Aire® LP

Fiberglass Duct System for Manufactured and Modular Housing



Micro-Aire® LP (Low Pressure) is an FSK-faced fiberglass duct board, designed to be fabricated into ducts for modular housing. Micro-Aire LP offers improved thermal and acoustical control for systems that operate within relatively low air velocities (2,000 fpm).

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 2000 fpm (10.2 m/sec.)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
13/16	20	3.50	0.62

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
LP	13/16	20	0.07	0.23	0.49	0.79	0.94	1.03	0.60

### SPECIFICATION COMPLIANCE

UL 181 Class 1 Rigid Air Duct Listed

ICC Compliant

MEA# 237-86-M

Universal Building Code (UBC)

International Mechanical Code (IMC)

Canada: CGSB 51.10-92 and CAN/ULC-S110M

ICC Compliant

ASTM E84, FHC 25/50

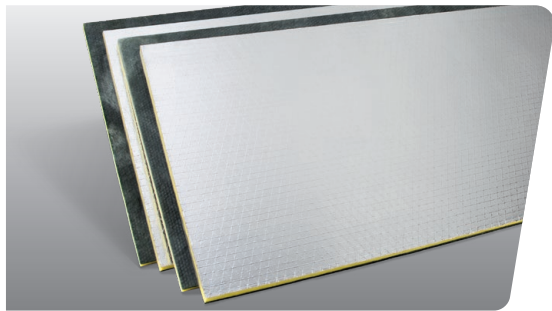
NFPA 90A and 90B

#### Recycled Content:

Refer to JM.com

## Diffuser Board

Fiberglass Insulation Board



Diffuser Board is a 4pcf density fiberglass board insulation designed to insulate air diffusers and register boxes. The glass mat airstream surface provides a smooth interior that offers minimal resistance to airflow.

Operating Temperature Limit: 250°F (121°C)

Maximum Air Velocity: 2,000 fpm (10.2 m/sec)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
1	25	4.3	0.76
1 3/8	34	6.0	1.04

### SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

in	mm	125	250	500	1000	2000	4000	NRC
1	25	0.05	0.20	0.68	0.92	0.94	1.03	0.70
1 3/8	34	0.09	0.32	0.86	0.98	0.97	1.00	0.80

### SPECIFICATION COMPLIANCE

ASTM E84, FHC 25/50

UL 723

ASTM C1071

ASTM C411

#### Recycled Content:

Refer to JM.com

## EXTERNAL DUCT INSULATION

### Microlite® FSK Duct Wrap

Formaldehyde-free™ Fiberglass Duct Wrap



Microlite® FSK is a Formaldehyde-free™ fiberglass duct wrap that comes with an FSK vapor barrier facing. Microlite FSK is designed to wrap rectangular and spiral ducts, offering improved thermal control.

Operating Temperature Limit: 250°F (121°C)

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

#### INSTALLED

Type	in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
75	1 1/2	38	4.2	0.74
75	2	51	5.6	0.99
75	2 1/8	56	6.0	1.08
75	3	76	8.3	1.46
75	4 1/8	112	12.0	2.16
100	1 1/2	38	4.5	0.79
100	2	51	6.0	1.06
150	1 1/2	38	4.7	0.83
150	2	51	6.3	1.11

#### OUT OF PACKAGE

Type	in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
75	1 1/2	38	5.2	0.92
75	2	51	6.9	1.22
75	2 1/8	56	7.5	1.33
75	3	76	10.3	1.81
75	4 1/8	112	15.0	2.66
100	1 1/2	38	5.6	0.99
100	2	51	7.4	1.30
150	1 1/2	38	6.0	1.06
150	2	51	8.0	1.41

### SPECIFICATION COMPLIANCE

ASTM C553

• Type II – Type 75, 100 and 150

• Type III – Type 150

ASTM C1290

ASTM C1136, Type II

• Grade I – Type 75 Faced

• Grade II – Type 100 Faced

• Grade III – Type 150 Faced

ASTM E84, FHC 25/50 – FSK Facing

NFPA 90A and 90B

ASTM C1136, Type II – FSK Facing

MEA # 40-75-M

Canada: CGSB 51-GP-11M and CAN/ULC S102

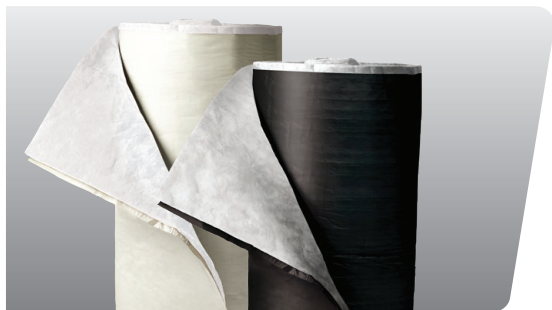
#### Recycled Content:

Refer to JM.com

Greenguard Gold Certified

### Microlite® Black PSK and White PSK Duct Wrap

Formaldehyde-free™ Fiberglass Duct Wrap



Microlite® PSK is a Formaldehyde-free™ fiberglass duct wrap that comes with a white or a black PSK vapor-barrier facing. The facing is offered without print for aesthetic purposes and is designed to be used in exposed applications. Microlite PSK is designed to wrap rectangular and spiral ducts, offering improved thermal control and aesthetic appeal.

Operating Temperature Limit: 250°F (121°C)

Matching PSK Tape available, see accessories

### THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

#### INSTALLED

Type	in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
75	1 1/2	38	4.2	0.74
75	2	51	5.6	0.99
75	2 1/8	56	6.0	1.08
75	3	76	8.3	1.46
100	1 1/2	38	4.5	0.79
100	2	51	6.0	1.06
150	1 1/2	38	4.7	0.83
150	2	51	6.3	1.11

#### OUT OF PACKAGE

Type	in	mm	(hr•ft <sup>2</sup> •°F)/Btu	m <sup>2</sup> •°C/W
75	1 1/2	38	5.2	0.92
75	2	51	6.9	1.22
75	2 1/8	56	7.5	1.33
75	3	76	10.3	1.81
100	1 1/2	38	5.6	0.99
100	2	51	7.4	1.30
150	1 1/2	38	6.0	1.06
150	2	51	8.0	1.41

### SPECIFICATION COMPLIANCE

ASTM C553

• Type II – Type 75, 100 and 150

• Type III – Type 150

ASTM C1290\*

\*Facing provided free of print for aesthetic purposes

ASTM C1136, Type II

• Grade I – Type 75 Faced

• Grade II – Type 100 Faced

• Grade III – Type 150 Faced

ASTM E84, FHC 25/50 – FSK Facing

NFPA 90A and 90B

ASTM C1136, Type II – FSK Facing

MEA # 40-75-M

Canada: CGSB 51-GP-11M and CAN/ULC S102

#### Recycled Content:

Refer to JM.com

Greenguard Gold Certified

## Microlite® Standard Duct Wrap

Fiberglass Duct Wrap Insulation



Microlite® Standard Duct Wrap is a lightweight, highly resilient, blanket-type, thermal and acoustical insulation made from flame-attenuated glass fibers bonded with a thermosetting phenolic resin.

### Operating Temperature Limit:

Unfaced: 350°F (177°C)

Faced: 250°F (121°C)

## THERMAL PERFORMANCE

R-Value @ 75°F (24°C) Mean Temp.

### Unfaced Flame-Attenuated Duct Wrap

Type	Thickness in	Width in	Length ft	R-values (hr•ft <sup>2</sup> •°F)/Btu	
				Out of Package	Installed
60	1	36	150	3.3	2.7
	1	72	150	3.3	2.7
	1½	48	100	5.0	4.0
	2	48	100	6.7	5.4
	3	48	50	10.0	8.0
75	1	48	100	3.6	2.9
	1½	48	100	5.3	4.3
	3	48	50	10.7	8.7

### Vinyl Duct Wrap

Type	Thickness in	Width in	Length ft	R-values (hr•ft <sup>2</sup> •°F)/Btu	
				Out of Package	Installed
60	1½	48	100	4.8	3.9
	2	48	75	6.5	5.2

## SPECIFICATION COMPLIANCE

ASTM C1290

- Type I and Type II

ASTM C553

- Unfaced, Type I and Type II

ASTM C1139

- Type I and Type II

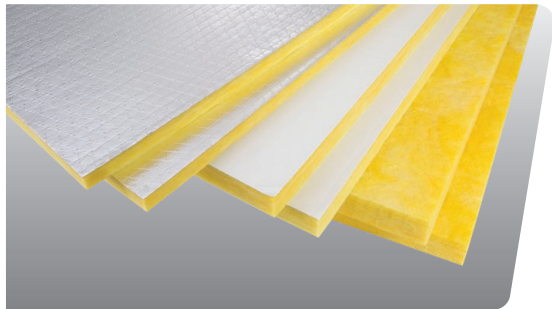
ASTM E84, FCH 25/50

NFPA 90A & 90B

Can/ULC S102-1188

## 800 Series Spin-Glas®

Fiberglass Duct and Equipment Insulation



800 Series Spin-Glas® board insulation can be used in plain or faced form to insulate heating ducts and equipment. 800 Series Spin-Glas insulation is ideal for commercial and industrial heating, air conditioning, and power and process equipment.

### Operating Temperature Limit:

Unfaced: 450°F (232°C)

Faced: faced side 150°F (66°C)

## THERMAL PERFORMANCE

K-Value @ 75°F (24°C) Mean Temp.

Type	in	mm	Btu•in/(hr•ft <sup>2</sup> •°F)	m <sup>2</sup> •°C/W
812	1½–4	38–102	0.24	0.035
813	1½–4	38–102	0.23	0.033
814	1–4	25–102	0.23	0.033
815	1–2½	25–64	0.22	0.032
817	1–2	25–51	0.22	0.032

## SOUND-ABSORPTION COEFFICIENTS

Type A Mounting, Frequency (Hz)

Type	in	mm	125	250	500	1000	2000	4000	NRC
812	1	25	0.07	0.24	0.63	0.87	1.00	1.02	0.70
812	2	51	0.24	0.68	1.10	1.13	1.10	1.07	1.00
813	1	25	0.08	0.27	0.69	0.95	1.05	1.02	0.75
813	2	51	0.19	0.88	1.15	1.14	1.10	1.07	1.05
814	1	25	0.06	0.29	0.75	0.99	1.04	1.02	0.75
814	2	51	0.24	1.00	1.11	1.08	1.06	1.05	1.05
815	1	25	0.03	0.32	0.80	1.04	1.05	1.05	0.80
815	2	51	0.27	0.91	1.11	1.09	1.09	1.09	1.05
817	1	25	0.10	0.35	0.85	1.04	1.05	1.03	0.80
817	2	51	0.38	0.93	1.10	1.07	1.07	1.07	1.05

## SPECIFICATION COMPLIANCE

ASTM C612, Type 1A and 1B

- (813, 814, 815, 817)

ASTM C533, Type III

- (812 plain material only)

ASTM C1136

- Type I – AP Facing

- Type II – AP and FSK Facing

ASTM E84, FHC 25/50; UL 723;

NFPA 255

NFPA 90A and 90B

NRC 1.36; ASTM C795

MIL-DTL-24244

MIL-DTL-32585

MIL-I-22023

- Type I & II, Class 4 = 812

- Type I & II, Class 6 = 814

HH-I-558C, Form B, Type I, Class 7

- (812, 813, 814, 815)

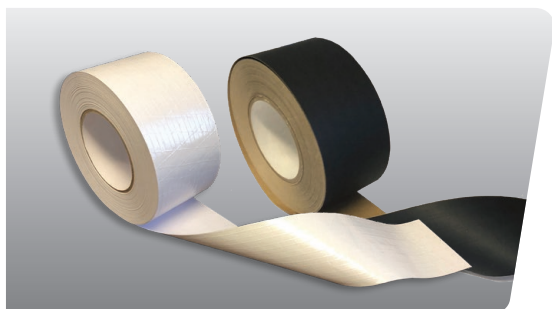
Canada: CGSB 51-GP-10M and

CAN/ULC S102-M88

## ACCESSORIES

## Microlite® White & Black PSK Seaming Tape

Duct Wrap Seaming Tape



The Microlite PSK Duct Wrap Seaming Tape is designed to provide a vapor-barrier seal on JM's PSK-faced Microlite duct insulations. The tape is 96 MM wide and is offered in white or black to match the two color offerings (white and black) of our PSK-faced microlite duct insulations.

## GENERAL INFORMATION

	Standard UOM		Metric UOM		Test Method
	White	Black	White	Black	
Thickness (w/o Liner)	8.8 mils	7.8 mils	0.224 mm	0.198 mm	ASTM D-1000
Backing Thickness	7.0 mils	6.0 mils	0.178 mm	0.152 mm	ASTM D-1000
Adhesion to Steel	50 oz/in*	36 oz/in*	5.47 N/cm	3.94 N/cm	PSTC-101
Tensile Strength	24 lb/in	27 lb/in	42.03 N/cm	47.28 N/cm	ASTM D-3759
Elongation	4%	4%	4%	4%	ASTM D-3759
Operating Temperature	-20 to 260 °F	-20 to 260 °F	-29 to 126 °C	-29 to 126 °C	



# SuperSeal® Coating Products

SuperSeal® HV and SuperSeal® Edge Treatment



SuperSeal® Coatings are air-dry derivatives of Permacote. SuperSeal HV is designed for spot or edge repair where extra fill or adhesion is required. SuperSeal Edge Treatment is intended for high-volume shop applications, and it can be applied with a brush or sprayed. It is ideal for repairing cuts or damage to the airstream surface.

## GENERAL INFORMATION

SuperSeal Product	Shipping Unit	Approximate Coverage*	Shelf Life at 40-95°F (4-35°C)	Tack-Free Time (Approx.)
HV**	1 carton; 4 pails 1 gal. (3.8 l)	Usage-dependent	12 months	2 hours
Edge Treatment	1 pail; 5 gal. (18.9 l)	1700 sq. ft. (158 m <sup>2</sup> )	18 months	1 hour
	1 carton; 4 pails 1 gal. (3.8 l)	1350 sq. ft. (125 m <sup>2</sup> )	18 months	1 hour

\* Coverage estimates are based on minimum application weight to ensure product performance; actual application requirements may be higher, depending upon the surface and application method.

\*\* HV product applies grey and dries black.

## Duct Knife



Duct Insulation Knives are designed to smoothly cut fiberglass insulation. The 6" blade slices cleanly through the fiberglass and facing without snagging the material. The wooden handle is easy to hold and curved to fit the hand.

## GENERAL INFORMATION

Duct knives are shipped in master cartons. Each master carton consists of 10 boxes of 10 knives each. The minimum order quantity is one master carton (100 knives total).



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800-654-3103  
[www.jm.com/hvac](http://www.jm.com/hvac)

HVAC-472 05/13/19 (replaces 02/21/19)

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using these products. The physical and chemical properties of the products listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with your customer service representative for current information.

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