

DESCRIPTION

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 offered in white or black to match the two color offerings (white and black) of our PSK-faced Microlite duct insulations. Microlite seaming tape is tear-resistant and offers a super high-tack, acrylic adhesive that bonds tightly to surfaces. The tape can be used on applications that operate within a wide temperature range: -20°F – 260°F/-29°C -126°C.

USES

Microlite PSK Duct Wrap Seaming Tape offers a matching vapor barrier seal for Johns Manville's Microlite white PSK or black PSK duct wrap. It can also be used as patch tape for Microlite White PSK or Microlite Black PSK duct wrap insulation

FEATURES

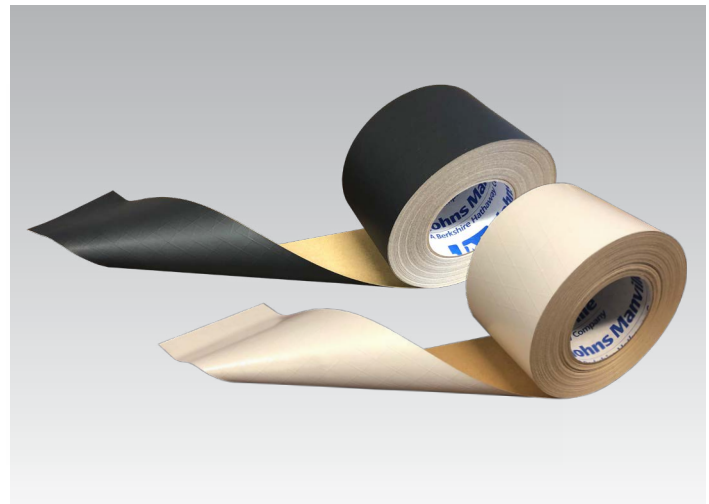
- Backing: White or Black Metalized PP/Scrim/Kraft Laminate
- Adhesive: Acrylic
- Liner: Poly-coated Natural Kraft Paper
- Colors: Black or White
- Standard Size: 96mm x 45.7M or 3.77" x 50 yards

ADVANTAGES

- High-tack acrylic adhesive with a strong bond
- Mold-resistant
- Air and vapor barrier
- Wide temperature performance range
- Tear-resistant

SHELF LIFE & STORAGE

Microlite PSK Duct Wrap Seaming tape should be stored between 60-80°F at 40-60% RH. The standard shelf life (at 25°C) is 3 years.



SPECIFICATIONS

Tested in accordance with UL 723 (typical test values)

	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		-29 to 126 °C		

* Exceeds strength of tape backing

MICROLITE® WHITE & BLACK PSK DUCT WRAP SEAMING TAPE

DUCT WRAP SEAMING TAPE

DATA SHEET

WHITE TAPE INSTALLATION

Before applying duct wrap, sheet metal duct shall be clean, dry and tightly sealed at all joints and seams. Wrap insulation around duct with facing to the outside so the 2" (51 mm) flap completely overlaps facing and insulation at the other end of stretch-out. Insulation shall be snugly butted.



Secure seams with outward clinching staples placed approximately 6" (152 mm) on center. Then seal seam with pressure-sensitive tape designed for use with duct insulation. For best results, Johns Manville recommends the use of (96mm) Johns Manville Microlite White PSK Duct Wrap Seaming Tape. Please refer to HVAC-475 for more information on tape. When adhering the tape, apply pressure by rubbing the tape firmly down with a plastic squeegee.

Insulation on the underside of ducts spanning 24" (610 mm) or greater shall be secured with mechanical fasteners and speed clips spaced approximately 18" (457 mm) on center. Fasteners should be cut off flush after the speed clips are installed and sealed with the same tape as specified above.

Adjacent sections of duct wrap insulation shall be snugly butted with the circumferential 2" (51 mm) tape flap overlapping and secured as recommended for the longitudinal seam. When a vapor seal is required, the use of Johns Manville Microlite White PSK Duct Wrap Seaming Tape is preferred.

For best results, do not apply the tape to the duct wrap if the air temperature is below 20°F (-7°C) or above 130°F (54°C), due to the effect of temperature on the tape performance.

BLACK TAPE INSTALLATION

Before applying duct wrap, sheet metal duct shall be clean, dry and tightly sealed at all joints and seams. In order to avoid scuffing the black PSK surface, avoid dragging or rubbing the black facing against abrasive surfaces prior to installation.



Wrap insulation around duct with facing to the outside so the 2" (51 mm) flap completely overlaps facing and insulation at the other end of stretch-out. Insulation shall be snugly butted.

Secure seams with outward clinching staples placed approximately 6" (152 mm) on center. Then seal seam with pressure-sensitive tape designed for use with duct insulation. For best results, Johns Manville recommends the use of (96mm) Johns Manville Microlite Black PSK Duct Wrap Seaming Tape. Please refer to HVAC-475 for more information on tape. When adhering the tape, apply pressure by rubbing the tape firmly down with a **plastic** squeegee (using a metal squeegee or edge may scuff the black coating). For best appearance, do not reposition Microlite Black PSK Duct Wrap Seaming Tape once the tape has adhered to the duct wrap.

Insulation on the underside of ducts spanning 24" (610 mm) or greater shall be secured with mechanical fasteners and speed clips spaced approximately 18" (457 mm) on center. Fasteners should be cut off flush after the speed clips are installed and sealed with the same tape as specified above.

Adjacent sections of duct wrap insulation shall be snugly butted with the circumferential 2" (51 mm) tape flap overlapping and secured as recommended for the longitudinal seam. When a vapor seal is required, the use of Johns Manville Microlite Black PSK Duct Wrap Seaming Tape is preferred.

For best results, do not apply the tape to the duct wrap if the air temperature is below 20°F (-7°C) or above 130°F (54°C), due to the effect of temperature on the tape performance.



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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 this product. The physical and chemical properties of Microlite® White & Black PSK Duct Wrap Seaming Tape 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.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit www2.jm.com/terms-conditions or call (800) 654-3103.