

# DM 440™ Gasket Tape

## Premium Grade Sealing Tape

### DESCRIPTION

This product is a premium sealing tape developed for use with Ductmate's 4 bolt duct connection systems. Ductmate 440 tape has the widest range of application temperatures (see Hardness and Force to Compress) of any material on the market ensuring a positive seal and ease of application under extreme conditions. It is non-hardening and has extremely good adhesion to galvanized, Galvalume™, aluminized metal, stainless steel and other metal surfaces.

### BASIC USE

Premium sealing tape for use with Ductmate's 4 bolt duct connection systems. Also suitable for use with other rectangular flange systems which require gasket.

### SPECIAL CHARACTERISTICS

This compound has a polymer content that is derived from butyl and a proprietary co-polymer. The plasticizers are of the Polyisobutylene and Polybutene type and permit no oxidation or migration. The fillers are inert and are used mainly as extenders and process aids and to a lesser extent as reinforcing pigments. The remaining compound consists of antioxidants and organic processing aids.

3/16" x 5/8" x 25' per roll. Other sizes available upon request.

Mineral Spirits will readily facilitate the cleaning of tools and equipment.

### PACKAGING INFORMATION

Standard product is packaged 500 ft. per carton (20 rolls x 25 ft. per roll). This product is extruded on silicone backed release paper. All rolls are separated by chipboard pads and protected by upright stacking cores. Standard shipping cartons are constructed of 200 lb Kraft material. Pallets are heavy duty and have 4-way entry. All pallets are stretchwrapped for shipment.

### LIMITED PRODUCT WARRANTY

Ductmate warrants that DM 440 Gasket Tape, when properly installed and maintained, will be free from defects in material and workmanship, and will comply with all written specifications made by Ductmate at the time of sale. Ductmate's warranty shall run for a period of one year from the date of manufacture.

#### Warranty Limitation

The warranty stated above is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Although Ductmate may have suggested the product, or provided written or oral advice to the Purchaser, it is the Purchaser's responsibility to test and determine the suitability of DM 440 Gasket Tape, for the intended use and purpose, and Purchaser and/or its customer assumes all risk and liability whatsoever regarding such suitability.

#### Limitation of Liability

In the event of a breach of the above warranty, Ductmate's sole obligation, and Purchaser's sole and exclusive remedy, shall be, at Ductmate's option, repair or replacement of any defective products, or refund of an applicable portion of the purchase price. Ductmate shall have no liability for costs of removal or reinstallation of the product. The Purchaser agrees that no other remedy, including but not limited to loss of profits, loss sales, injury to person or property, or any other special, incidental or consequential damages, shall be available to the Purchaser for any claim arising out of this Agreement, regardless of whether such claim is made in contract or in tort, including strict liability in tort. In no event will Ductmate be obligated to pay damages to the Purchaser in any amount exceeding the purchase price that the Purchaser paid to Ductmate for the allegedly defective product.

### TECHNICAL INFORMATION

<b>% SOLIDS:</b>	99.8± 0.2% (ASTM C771-74)
<b>COLOR:</b>	Off-White (ASTM D1729-69)
<b>SPECIFIC GRAVITY:</b>	1.70 ± .01 (ASTM C771-03)
<b>DENSITY:</b>	14.18 ± 0.85 lbs/gal (ASTM C771)
<b>FLASH POINT:</b>	400°F
<b>SHELF &amp; SERVICE LIFE:</b>	Pensky-Martens CC (ASTM E-134)
<b>HARDNESS:</b>	20 years minimum Test Method (ASTM D217-02) 77°F - 9.5mm - 12.0mm (max)
<b>SLUMP RESISTANCE:</b>	DM-1100 (300°F, 24 hours) ≤ 0.5"
<b>SOFTENING POINT:</b>	>350°F (ASTM E28)
<b>PLASTICIZER MIGRATION:</b>	No bleed/contact stain (ASTM C772-74)
<b>STAINING:</b>	No bleed/contact stain (ASTM D925-73)
<b>FLEXIBILITY:</b>	Cold temperature passes (ASTM C765-73)
<b>WATER RESISTANCE:</b>	Static 0% (ASTM D1056)
<b>ELONGATION:</b>	≥ 800%
<b>ELONGATION AFTER AGING:</b>	≥ 600%
<b>COMPRESSIBILITY:</b>	≤ 38 lbF - peak force (ASTM C907-mod.) (75°F, 50%H) ≥ 10 psi min. (ASTM C907)
<b>TENSILE STRENGTH:</b>	< 1/2" (ASTM D3121) (Ambient)
<b>TACK STRENGTH:</b>	No Pressure Applied @ 77°F 90 oz min.
<b>PEEL STRENGTH:</b>	500 Grams Pressure Applied @ 77°F
<b>PEEL ADHESION:</b>	≥ 2.0 PLI on galvanized steel (ASTM C794-mod.)
<b>AGING CHARACTERISTICS:</b>	(Weather-O-Meter, 1,000 hrs.) 10% reduction in most physicals QUV Cabinet 10% reduction in most physicals (ASTM D750-88)
<b>SERVICE TEMPERATURE:</b>	-40°F to 190°F
<b>APPLICATION TEMPERATURE:</b>	Above 40°F
<b>MANUFACTURING TOLERANCES:</b>	Tape Width - +1/32 Inch Tape Height - +1/32 Inch
<b>SPECIFICATION COMPLIANCE:</b>	

**MILITARY SPECIFICATIONS:** MI L-C- 18969B, Type II, Class B  
**FEDERAL SPECIFICATIONS:** TT-C- 1796A, Type II, Class B

(Supersedes MILC- 18909B)  
**U.S.D.A. Acceptability:** Product chemically acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under Federal inspection.

**F.D.A. Requirements:** Meets Requirement 21CFR175.105



Caulkings and Sealants  
**Control No. R27654**  
SURFACE BURNING CHARACTERISTICS

Applied to Inorganic  
Reinforced Cement Board +

**Flame Spread:** 0  
**Smoke Developed:** 5

+/- Tested as applied in two 3/8 in. wide longitudinal stripe, 8 inch on center; covering 7.0 percent of the exposed test sample area.



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