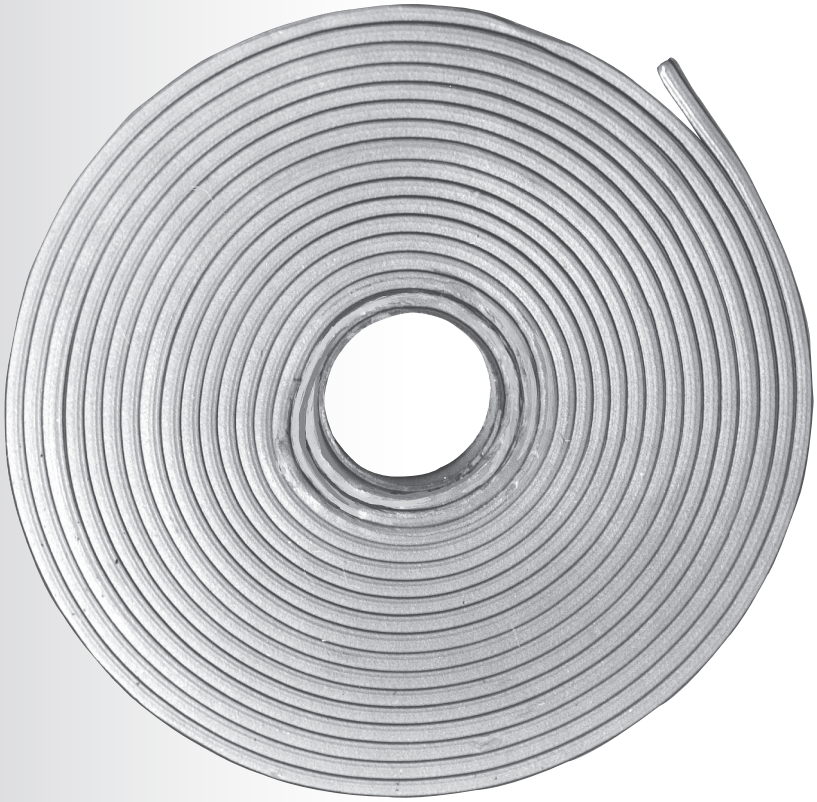
D U C T M A T E

DM 440™ Gasket Tape



Premium Grade Buytl Sealing Tape

Ideal for Rectangular Connections

- Wide range of application temperatures
- Works under extreme conditions
- Non-hardening, UL Classified
- Meets LEED® VOC content requirements
- Excellent adhesion to galvanized, aluminized, stainless steel, and other metal surfaces

DUCTMATE® Industries
A DMI COMPANY

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.

PART #	PACKAGING
440 3/16 X 5/8	(20) 25 ft/rolls 500 ft/case @ 45 lbs/case
440 3/16 X 1 (used w/DM45)	(16) 25 ft/rolls 400 ft/case @ 53 lbs/case
440 3X2X1/8	512 patches 22 lbs/case
440 2X2X3/16	120 patches 7 lbs/case

TECHNICAL INFORMATION

% SOLIDS: *ASTM C771-74*	>98%
COLOR:	Off-White
DENSITY:	12.7 +/- 0.3
VOC CONTENT:	0 g/l per ASTM D-2369 37g/l per Modified EPA Method 24
SHORE OO HARDNESS: *Two second test*	50 - 65
SLUMP RESISTANCE:	≤ 0.5"
FLEXIBILITY: *ASTM C765-73*	Cold temperature passes
WATER RESISTANCE:	Hydrophobic
ELONGATION:	> 500%
ELONGATION AFTER AGING:	≥ 500%
TENSILE STRENGTH: *ASTM C907*	> 9 psi
TACK STRENGTH: *Rolling Ball Tack Test* *ASTM D3121*	< 1"
SERVICE TEMPERATURE:	0°F to 190°F
APPLICATION TEMPERATURE:	Above 40°F
DIMENSIONAL TOLERANCES:	Tape Width 5/8" ±1/32"
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: *21CFR175.105*	Meets requirements

CLASSIFIED UL R15018

Caulking and Sealants
SURFACE BURNING CHARACTERISTICS

Ductmate 440 Gasket Tape

USC - Classification
Applied to Inorganic Reinforced Cement Board +
"FHC 25/50"
+ - Tested in two 5/8 in. wide longitudinal strips spaced 8 in. on center (Coverage: 7.0 percent of exposed test sample area)

CNC - Classification
Applied to Inorganic Reinforced Cement Board +
"FHC 25/50"
+ - Tested as applied in two 16mm wide longitudinal strips spaced 200mm on centre (Sealant Coverage 7% of exposed test sample area)

The FHC 25/50 "Fire Hazard Classification" indicates that the labeled material has a flame spread of 25 or less and a smoke developed of 50 or less as tested per UL 723 or equivalent

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.

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