

Ductmate 440™ Butyl Gasket

Job: _____

Location: _____

Submitted to: _____

Prepared by: _____

Approved by: _____

Date: _____

MANUFACTURED BY



1502 Industrial Drive
Monongahela, PA 15063
800-245-3188
www.ductmate.com

ORDERING INFORMATION

Please contact your local Ductmate Distributor.

INDUSTRY REGULATIONS



LIMITED PRODUCT WARRANTY

Ductmate warrants that DM440™ 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 DM440™ Gasket Tape, for the intended use and purpose, and Purchaser and/or its customer assumes all risk & liability whatsoever regarding such suitability.

Caulking and Sealants Control No.
SURFACE BURNING CHARACTERISTICS
R15018 & R27925

Ductmate 440 Gasket Tape
USC - Classification
Applied to Inorganic Reinforced Cement Board +
FHC 25/50

± Tested as applied in two 5/8 in. wide strips spaced 8 in. on center (covering 7% of the exposed test sample area)

CNC - Classification
Applied to Inorganic Reinforced Cement Board +
FHC 25/50

± Tested as applied in two 16 mm wide strips spaced 200 mm on center (coverage of 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 UL723 or equivalent.

DESCRIPTION

This product is a high quality 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, galvalneal, aluminized metal, stainless steel and other metal surfaces.

BASIC USE

High quality 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

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

TECHNICAL INFORMATION

% SOLIDS:	99.8% ± 0.2% (ASTM C771-74)
COLOR:	Off-White (ASTM D1729-69)
SPECIFIC GRAVITY:	1.71 ± 0.05 (ASTM C771-03)
Shore oo hardness:	50-65
SHELF & SERVICE LIFE:	20 years minimum
SLUMP RESISTANCE:	DM-1100 (300°F, 24 hours) < 0.5"
PLASTICIZER MIGRATION:	No bleed/contact stain (ASTM C772-74)
STAINING:	No bleed/contact stain (ASTM D925-73)
FLEXIBILITY:	Cold temperature passes (ASTM C765-73)
WATER RESISTANCE:	Hydrophobic
ELONGATION DM1200:	> 600%
ELONGATION AFTER AGING:	> 600%
COMPRESSIBILITY:	< 40 lbf - peak force (ASTM C907-mod.) (75°F, 50% H)
TENSILE STRENGTH:	> 7 psi min. (ASTM C907)
TACK STRENGTH:	< 1." (ASTM D3121) (Ambient)
PEEL STRENGTH:	No Pressure Applied @ 77°F 90 oz min. 500 Grams Pressure Applied @ 77°F
PEEL ADHESION:	≥ 2.0 PLI on galvanized steel (ASTM C794-mod.)
SERVICE TEMPERATURE:	0°F to 190°F
APPLICATION TEMPERATURE:	Above 40°F
MANUFACTURING TOLERANCES:	Tape Width - +5/8 Inch Tape Height - +1/32 Inch

SPECIFICATION COMPLIANCE:

FEDERAL SPECIFICATIONS: TT-C-1796A, Type II, Class B
(Supersedes MILC-18909B & MILC 18969B)

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

