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June 6, 2017

Megan McKinney  
Ductmate Industries, Inc.  
210 5<sup>th</sup> Street  
Charlerol, PA 15022

RESEARCH REPORT: RR 8338  
EFFECTIVE DATE: 06/01/17  
EXPIRATION DATE: 06/01/18  
Telephone: 800-990-8459

**GENERAL APPROVAL- Renewal** - "Proflex" Flexible Duct Connectors. See attached list of approved models.

## DETAILS

These connectors are woven fibers of mineral or synthetic material (glass or nylon) that are coated on both sides with paint, synthetic rubber or vinyl. Two pieces of sheet metal, each ranging from 1-3/4" to 4-1/2" wide, are connected by either 3" or 4" wide fabric.

The approval is subject to the following conditions:

1. These connectors may be installed in comfort heating and comfort cooling systems, garage ventilation systems which are not a part of a smoke evacuation system, and in non-product-conveying ventilation systems only.
2. These connectors shall not be installed where the ambient temperature exceeds 200°F
3. The axial lengths of installed connectors shall not exceed 10 inches.
4. These connectors may be installed inside or outside of a building.
5. Each connector shall be legibly marked with the Ductmate "D" logo and the product name "PROFLEX" at approximately 18-inch intervals where visible for inspection purposes.
6. Additionally, City of Los Angeles-approved connectors shall be marked "LA APPROVED" to differentiate from non-approved connectors.

RR 8338  
Page 1 of 3

Ductmate Industries, Inc.  
RE: Flexible Duct Connectors

## DISCUSSION

These products have a flame-spread rating of 25 or less and a smoke-developed rating of 50 or less when tested in accordance with UL 723.

Test reports were reviewed by the Mechanical Testing Laboratory. The materials are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability, and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

This approval is granted under Sections 95.105, 95.601, and 95.602 of the Los Angeles Mechanical Code, 2017 Edition.

Approved by:



William Miranda  
Mechanical Testing Laboratory  
Engineering Bureau

RR 8338

DUCTMATE INDUSTRIES, INC.

"PROFLEX" FLEXIBLE DUCT CONNECTORS

LIST OF APPROVED MODELS

<b>FABRIC TYPE</b>	<b>COLOR</b>	<b>FABRIC WIDTHS</b>	<b>FABRIC DESCRIPTION</b>
Neoprene	Black	3" & 4"	Neoprene-coated glass fabric.
Silicone	Silver	3" & 4"	Silicon rubber impregnated glass fabric coated with aluminum.
Hypalon	White	3" & 4"	Chlorosulfonated polyethylene-coated glass fabric
Vinyl	Black	3"	Vinyl-coated polyester fabric