



# UV-Inhibited Black Jacket



## Product Specifications

Quietflex manufactures flexible duct for the commercial, residential and manufactured home industries. We produce 4" through 22" duct in R4.2, 3" through 22" in R6.0 and 3" through 20" in R8.0 insulation thickness.

The Quietflex UV-Inhibited Black Jacket flex duct has a UV-inhibited polyethylene vapor barrier.

[www.quietflex.com](http://www.quietflex.com)

## Key Features & Benefits

- Johns Manville Formaldehyde-free™ fiber glass insulation
- GREENGUARD® certified
- Galvanized or bronze metal core reinforcing
- Oversized core to fit on collars and register boxes
- Weather-resistant packaging
- Easy-to-carry package: Up to 10" bags are strapped to form a pair
- Available in boxes and bags
- 25', 50' and custom lengths available
- HUD /FHA standards 515.2.1, paragraph B

## Other products we offer:

- AMGFlex™ Duct
- QAS Acoustical Flexible Air Duct





## FLEX DUCT PRODUCT:

### UV-INHIBITED BLACK JACKET FLEX DUCT

#### Configurations

- Diameters available: (R4.2) 4" – 22"
- Diameters available: (R6) 3" – 22"
- Diameters available: (R8) 3" – 20"
- Lengths available: 25, 50 ft and custom lengths available

#### Approvals

- UL Classified/Approved to UL 181 Standard
- NFPA standards 90A and 90B
- HUD/FHA standards 515.2.1 Paragraph B
- Meets most federal, state and local codes and standards
- GREENGUARD certified entire sleeve construction

#### Fiberglass

- R4.2, R6.0 and R8.0 certified by UL and the Air Diffusion Council using ASTM C-518 at installed thickness of insulation
- Made of formaldehyde free materials

#### Surface burning characteristics

- Flame spread: Less than 25
- Smoke developed: Less than 50

#### Operating temperature range

- -20°F to 180°F - Continuous
- -20°F to 200°F - Intermittent



#### Vapor barrier

- The Quietflex UV-Inhibited Black Jacket Sleeve has a UV-inhibited polyethylene vapor barrier
- Vapor Transmission: 0.11 perms

#### Core

- Two layers of polyester film encapsulate a high tensile galvanized or bronze coated wire helix
- Rated positive pressure is 10" W.C. and negative pressure is 1/2" W.C. per the UL 181 standard
- Rated maximum air velocity is 6000 FPM

|                   |  |                   |  |              |                                      |
|-------------------|--|-------------------|--|--------------|--------------------------------------|
| <b>Job Name</b>   |  | <b>Submitter:</b> |  | <b>Date:</b> |                                      |
| <b>Location</b>   |  |                   |  |              | PE vapor barrier/black jacket sleeve |
| <b>Contractor</b> |  |                   |  |              |                                      |
| <b>Engineer</b>   |  |                   |  |              |                                      |
| <b>Architect</b>  |  |                   |  |              |                                      |
|                   |  |                   |  |              | <b>QFSD-005-01</b>                   |

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#### Limited Warranty | Limitation of Liability | Disclaimer of Unstated Warranties

The flexible air duct is warranted by Quietflex Manufacturing Company, L.P., for ten (10) years against defects in material and workmanship. This warranty is for exchange of duct only and does not include installation.

#### Warranty Exclusions

- Warranty is excluded if flexible air duct is used in the following installations / applications:
1. Where duct is exposed to direct or indirect light.
  2. Where duct is used on the high – pressure side of variable air – volume (VAV) systems.

#### Limitation of Liability

Quietflex's liability for damages, whether in contract, in tort, under warranty, in negligence or otherwise, shall not exceed the return of the amount of the purchase price paid for the Quietflex products. Quietflex shall not be liable for special, indirect or consequential damages. Specification and performance data listed herein are subject to change without notice.

#### Disclaimer of Unstated Warranties

This warranty is the only warranty of Quietflex products. All other warranties, expressed or implied, including, but not limited to, warranties of merchantability and fitness for a particular purpose are expressly disclaimed. Quietflex is a registered trademark of Quietflex Manufacturing Company, L.P.