

Flexible Insulated Ducting

BPC Series – Black Jacket

DUNDAS•JAFINE

Leaders in Flexible Duct Systems
and Air Distribution Products



Applications

Dundas Jafine Flexible Insulated Ducting can be used in a number of applications including: Heating, Air Conditioning, Exhausting and Fresh Air Intakes.

Warranty

Dundas Jafine warrants that all Flexible Insulated Ducting will be free from defects in material and factory workmanship for a period of five (5) years from the date of purchase. Dundas Jafine reserves the right to replace at their option. This warranty applies only to ducts installed properly in accordance with local building or energy codes. For more details regarding the warranty on Flexible Insulated Ducting, contact our Customer Service Department.

U.L. 181 Class 1 Air Duct

Dundas Jafine Flexible Insulated Ducting is a state of the art product that is a U.L. / cU.L. 181 Listed and Marked Class 1 Air Duct. This duct consists of a flexible helix core made of 2 ply polyester laminate and corrosion resistant zinc coated wire, surrounded by a blanket of glass fiber insulation, jacketed by a heavy duty, fire retardant black polyethylene vapor barrier.

Flexible Insulated Ducting can be installed in place of galvanized pipe in most applications. The insulation blanket and vapor barrier jacket helps reduce heat loss and condensation build up.

This product comes in conveniently boxed 25 foot lengths, compressed for easy shipping and handling.

Features

- Easy installation
- Jacketing conveniently marked every foot
- Glass fiber insulation
- Heavy duty black polyethylene vapor barrier
- Complete R-value range

Benefits

- Bends in difficult to reach areas
- Easy to cut with knife and snips
- Reduces heat loss and condensation
- Fire retardant
- Complies with regional code requirements

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Code Compliance and Approvals

Dundas Jafine recommends that you check with the local code body, having jurisdiction in your area, to determine applicable codes and R-value requirements.

UL 181, NFPA 90A and 90B,
BOCA, ICBO, SBCC,
HUD/FHA MIN. PROPERTY STD.



Product Data

Core Material:

Double Wall, 2 Ply Lamination of High Density, Black Polyester Film

Steel Wire:

Corrosion Resistant, Zinc Coated Wire

Glass Fiber Insulation:

Glass Fiber Insulating Blanket in various R-values

Vapor Barrier:

Heavy Duty, Fire Retardant, Black Polyethylene Film

Performance Data

Flame Spread: Less Than 25

Smoke Developed: Less Than 50

Temperature Range: -20°F to 250°F

Max. Rated Velocity: 5000 FPM

Max. Rated Positive Pressure: 10 in. WC

Max. Rated Negative Pressure: ½ in. WC

Vapor Barrier Permeability: 0.17 Perms

R Factors*: 4.2 / 6.0 / 8.0

Product Range

Diameters (inches)											
3	4	5	6	7	8	9	10	12	14	16	18 20
Standard Length (feet)											
25											
Product Codes											
R4.2			R6.0			R8.0					
BPC325	BPC1025	BPC425R6	BPC1225R6	BPC425R8	BPC1225R8						
BPC425	BPC1225	BPC525R6	BPC1425R6	BPC525R8	BPC1425R8						
BPC525	BPC1425	BPC625R6	BPC1625R6	BPC625R8	BPC1625R8						
BPC625	BPC1625	BPC725R6	BPC1825R6	BPC725R8	BPC1825R8						
BPC725	BPC1825	BPC825R6	BPC2025R6	BPC825R8	BPC2025R8						
BPC825	BPC2025	BPC925R6		BPC925R8							
BPC925		BPC1025R6		BPC1025R8							

This product is U.L. 181/cU.L. S110 Listed and Approved as a Class 1 Air Duct, under file MH-17104/CR2350 and bears the mark.

Installation Instructions

Dundas Jafine recommends that you refer to the Flexible Duct Performance & Installation Standards published by the Air Diffusion Council for proper installation instructions of flexible insulated duct or visit www.flexibleduct.org

Approved Joining Materials

Duct Tapes: Use tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX."

Clamps: Nonmetallic clamps shall be listed and labeled in accordance with Standard UL 181B and marked "181B-C". Use of nonmetallic clamps shall be limited to 6 in. w.g. [1500 Pa] positive pressure.

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* [Based on O.D. of 12" diameter duct @75°F mean temperature and actual heat loss/Lin. Ft., per ADC FD72R-1]