ECO- DUCT® SEAL 44-39

Color
Gray

Appearance
Soft, creamy gray paste

Coverage
The coverage rate is dependent on the surface being covered and the application method.
Approx. 35 sq. ft./per gal., brushed
Approx. 30 lineal ft. of ¼" dia. bead per 1/12 gal. cartridge when extruded.

Weight Per Gallon
10.9 lb.

Average Non-volatile
60% by weight

Drying Time
Touch: 30 minutes
Through: Minimum of 72 hours drying time required before pressure testing. Drying time is dependent on temperature, humidity and film thickness.

Safety
Wet: Water based. Non-flammable
Dry See U.L. Classification
Asbestos Free

Pressure/Sealing Classes;
Meets the requirements of all SMACNA Pressure and Seal Classes.

Pressure Test
Tested 24 hours after (cured) sealing in conformance to recommended coverage. No leaking in excess of 30 inches water gauge.

Caution
Use with adequate ventilation. Avoid prolonged and repeated contact with skin. Do not take internally, In case of an emergency, call a physician. Keep out of reach of children.

Meets requirements for LEED® IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants.
MAX VOC= 0.41 lbs/gal. or 49 grams/liter, less water & exempt solvents.

Description
Eco- Duct® Seal **44-39** is a tough, flexible water based duct sealant designed for sealing low, medium and high pressure heating and air conditioning duct work.
The sealant is also for use on Flexible air ducts or Air connectors as well as metal duct systems.
44-39 is suitable for outdoor use.

Service Temperature
-20°F to 180°F

Specification Compliance
Complies with LEED v4 ID+C, BD+C, Collaborative for High Performance Schools EQ 7.1.1, California Dept. of Public Health (CDPH) Standard Method v1.2 (Certificate Number MAS-1700150)
NFPA 90A & 90B
UL 181 B-M 2S04

Limitations
Keep from freezing.
Apply between 40°F (4.4°C) and 100°F (38°C)
Freeze/Thaw Stability: passed 5 cycles

Method of Application
Stiff brush, putty knife, trowel, caulking gun or power extrusion.

Application
This product is for industrial use only. It should be applied by trained and qualified craftspeople.
For maximum adhesion, be sure surfaces are clean and dry. Apply 44-39 by brush, trowel or caulking gun. Mate surfaces before skinning take place. Coat all seams, joints, screw head, etc., where tape is specified: apply a brush tack coat, imbed the tape and apply a top coat.

FOR USE WITH UL 181B-M FLEXIBLE AIR DUCTS OR AIR CONNECTORS:
Be sure all surfaces are clean, dry and oil free. Eco-Duct® Seal **44-39** should be applied at a rate of 35 sq.ft per gallon (0.55 inch wet thickness) at a width of 2-3 inches.

Cleanup
Wet: Warm soapy water.
Dry: 44-10 or Xylol

Underwriters Laboratories, Inc.
Classified Adhesive Surface Burning Characteristics
66H9 Applied to Inorganic Reinforced Cement Board

	USC	CNC
Flame Spread	5	5
Smoke Developed	5	5

Tested as applied in 2 in. (.05m) wide strips, 8 in. (.2m) on center at a coverage rate of 35 sq. ft. gal. (0.86m2/L)

WARRANTY TERMS: The physical and chemical properties of this product are representative of the typical average values derived in accordance with test methods deemed acceptable, and can vary when subjected to normal manufacturing methods. These values are supplied only as a technical service and are subject to change notice. To be sure information is current call Mon-Eco Industries, Inc.
Terms of Warranty: Warrantor, Mon-Eco Industries, Inc. warrants satisfactory results of this product only when recommendations herein established are followed. The recommendations for use are established upon tests and information deemed reliable. We recommend that adequate testing be made by the user to determine if the product is suitable for the intended purpose and use. Warrantor assumes no responsibility beyond replacement or refund of the purchase price of this product, since warrantor has no control over the methods and application of its product, methods and conditions of transportation, handling and storage of the product. WARRANTOR EXPLICITLY DISCLAIMS ALL LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE. No agent or representative of Mon-Eco Industries, Inc. has the authority to change or extend these conditions

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