



# Eco-DUCT SEAL 44-52



### COLOR

44-50 Red  
44-52 Gray

### SERVICE TEMPERATURE

-20°F to 190°F  
(-28.9°C to 88°C)

### COVERAGE

Approximate 50 to 75 sq. ft. per gallon.

### WEIGHT PER GALLON

9 lbs.

### AVERAGE NONVOLATILE

51%  
VOC=3.45 lbs/gal or 413 grams/liter

### BONDING TIME

Touch: 15 minutes  
Through: 48 hours  
Allow at least 24 hours before pressure testing. The drying time depends on the temperature, humidity and film thickness.

### SAFETY

Flammability:  
Wet: Flash Point -4°F (-20°C)  
Dry: See UL Classification  
Threshold Limit of Solvent (TLV): 50 ppm.

### 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 31-1/2 inches water gauge.

### CAUTION: FLAMMABLE MIXTURE RED LABEL

Do not use or store near sparks, heat or open flame. Keep container closed when not in use. Use with adequate ventilation. Avoid excessive breathing of vapor. Avoid excessive contact with skin. Do not take internally. In an emergency, call a physician. Keep out of reach of children.

### DESCRIPTION

Eco-Duct Seal 44-52 is an improved sealant that is especially designed to seal high velocity and high pressure air handling systems. Eco-Duct Seal 44-52 may be applied in one heavy coat or by extruding a bead. Eco-Duct Seal 44-52 applies easily, dries quickly, adheres strongly and may be pressure tested in 24 hours under most circumstances. The non-flammable version of this product is 44-62.

### LIMITATIONS

Apply between 40°F and 110°F (4.4°C and 43°C) Eco-Duct Seal 44-52 is suitable for outdoors. If the sealant is going to be directly exposed to U.V. rays its service life can be extended by painting the sealant with a coat of exterior grade latex paint.

### SPECIFICATION COMPLIANCE

NFPA 90A& 90B  
U.S. Department of Agriculture chemically acceptable as a sealant for ductwork.

### METHOD OF APPLICATION

Stiff brush, putty knife or caulking gun.

### MATERIAL PREPARATION

Stir well if any separation occurs.

### APPLICATION

This product is for industrial use only. It should be applied by trained and qualified craftspeople. Be sure surfaces are clean, dry, and oil free. Clean both male and female fittings. Apply 44-52 to the male duct piece. Assemble the fittings. Secure with screws. Apply a narrow band of 44-52 over the joint and cover all screw heads.

### CLEANUP

Xylol, MEK, or Trichloroethylene.

### ASBESTOS FREE

**UNDERWRITERS LABORATORIES, INC.®  
CLASSIFIED ADHESIVE**

### SURFACE BURNING CHARACTERISTICS

**66H9**

R10070 Applied to Inorganic Reinforced Cement Board

	<u>USC</u>	<u>CNC</u>
Flame Spread	5	10
Smoke Developed	0	0

Tested as applied in 3/8 in. (.95cm) wide beads, 12 in. (.3m) center, at a coverage rate of 30 sq. ft./gal (2.5m<sup>2</sup>/L) Flash point of finished adhesive (closed cup) less than -20 C.

**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 without 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.

**Mon-Eco Industries, Inc.**

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