



TWO PART II SEALING SYSTEM™

DT-Tape with RTA-50 (INDOOR/OUTDOOR)

The Original Indoor/Outdoor Duct Sealing System

TWO PART II is Hardcast's original mineral-gypsum-compound-impregnated fiber tape and liquid sealant duct joint sealer. The industry standard two part system for sealing low, medium and high pressure duct systems.

TECHNICAL DATA INSTALLED WITH DT-TAPE

RTA-50 SEALANT

Bonding Time	48 Hrs.*
Service Temperatures	0°F to 200°F
Surface Burning (When tested in accordance with ASTM E-84)	
Flame Spread	0
Smoke Developed	0
Weather QUV	Passed 1000 hrs QUV
Pressure Classes	1/2, 1, 2, 3, 4, 6, 10 inches w.g.
Seal Classes	All SMACNA Classes
Mildew Resistance	Mold & Mildew Resistant
Flexibility	Excellent
Freeze/Thaw Stability	Passed 5 cycles (Stir before use)
VOC (Less Water)	135 GPL

* May vary according to temperature and humidity

City of Los Angeles Approval RR#8069

DT-TAPE

Appearance	White Impregnated Fiber Tape
Packaging	150 ft. rolls in widths of:
DT 5300	3" - 12 rolls per case
DT 5400	4" - 12 rolls per case

Two Part II SEALANT DISPENSER

Appearance	Combined tape roll holder / dispenser; pail mounted design.
Construction	Custom designed, high impact polyethylene
Capacities Tape	150 ft./roll of 3" or 4" DT Tape

PRECAUTIONS

Surfaces must be clean and free of moisture, contamination and foreign matter. Do not apply when rain or freezing temperatures will occur within 72 hours. Do not apply where temperatures will exceed 200°F. Store DT Tape in DRY ATMOSPHERE. Keep out of the reach of children. Review MSDS for complete safety information prior to use. DO NOT use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.)

For Industrial Professional Use Only

TWO PART II PART NUMBERS

RTA-50: 1 Case w/ (4) 1-Gallon Pails	304168
DT-5300: 1 Case w/ (12) 3" x 150' Rolls	304164
DT-5400: 1 Case w/ (12) 4" x 150' Rolls	304165
2 Part II Dispenser: 1 Unit	304286

APPLICATION

*Apply to outer surface of duct joint only
(After duct is installed)*

Temperature	35°F to 110°F
Method	Use 2 Part II Dispenser or brush. Wrap wet tape around duct joint, smoothing out wrinkles or bubbles.
Preparation	Surface must be dry, dirt, oil, and grease free.
Clean Up Wet	Soap and Water
Clean Up Dry	UNN -GRIP™ 798-ES or solvent (Use safe handling practices)
Painting	Only latex or epoxy paints

STORAGE

Temperature	35°F to 110°F-DO NOT FREEZE
Shelf Life	RTA 50 = One year (Unopened) DT-Tape = Not Applicable

For additional information contact:



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APPLICATION INSTRUCTIONS

RTA-50 (Indoor/Outdoor) is specifically designed for use in conjunction with HARDCAST DT-5300, DT-5400, and DT-6100 pressureless tape. It is recommended for application to sheetmetal ductwork.

1. HARDCAST recommends the use of our Two Part II Dispenser. When using the dispenser, the bottom guide roller is submerged in the sealant. The coating control roller should be adjusted to apply a liberal coating of adhesive on the tape as it emerges from the dispenser. Only DT-5300 and DT-5400 will fit the Two Part II Dispenser.
2. Pull the tape slowly through the dispenser so that it can absorb sufficient sealant and cut to the desired length. The easiest sizes to handle are 12" to 18" lengths which can be overlapped on each other to form a continuous band around the duct.
3. Apply the tape to duct joint with the heavier coated side down and press firmly to ensure total contact with duct surface. Work out any air bubbles entrapped under tape. Apply tape to surface immediately after coating with sealant.
4. Apply a top coat of RTA-50 sealant over the tape with a brush.
5. IF A TWO PART II DISPENSER IS NOT AVAILABLE, THE TAPE CAN BE APPLIED USING THE FOLLOWING METHOD:

Cut the tape to the desired (manageable) length and place it on a flat surface. Using a paintbrush apply sealant directly to both sides of the tape then apply tape to duct joint.

6. Allow a minimum of **72 HOURS** drying time before turning on the system (on interior duct only).
7. After the sealant has dried a minimum of **72 HOURS**, on exterior duct apply an additional coat of RTA-50 to tape surface. Drying time may take longer depending on temperature and relative humidity conditions.
8. Coverage: Approximately 1 gallon RTA-50 per two 3" X 150' rolls of DT-Tape.

CAUTION: Surface must be clean and free of moisture, contamination and foreign matter for best results. Do not apply when rain or freezing temperatures will occur within 72 hours. Use only latex or epoxy based paints to cover Hardcast products.

CAUTION: If product freezes, return to room temperature and stir before use.

LEAKAGE TEST: Use smoke method only. Do not use soap and water for test.

FOR SPECIAL APPLICATIONS CONTACT HARDCAST

RTA-50 LIQUID SEALANT

CAUTION

HARMFUL IF SWALLOWED OR INHALED

Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling. If swallowed DO NOT INDUCE VOMITING. Call a physician. Overexposure to vapors may cause respiratory irritation. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact a physician immediately.

MAY CAUSE SKIN IRRITATION: Prolonged or repeated contact may cause drying, brittleness, cracking or irritation. Use of impervious gloves and clothing recommended. Avoid contact with skin. May be irritating to sensitive skin. Wash thoroughly after handling. In case of contact with skin, remove contaminated clothing and thoroughly wash affected area with soap and water. Do not use if skin is broken. If rash develops, discontinue use. Contact a physician if symptoms persist.

REVIEW MATERIAL SAFETY DATA SHEET FOR COMPLETE SAFETY INFORMATION PRIOR TO USE.

CONTAINS: ETHYLENE GLYCOL

FOR INDUSTRIAL USE ONLY.

MAY NOT BE REPACKAGED OR SOLD FOR OTHER THAN INDUSTRIAL OR PROFESSIONAL USE.

KEEP OUT OF REACH OF CHILDREN