

# Two Part II Sealing System

The Original Indoor/Outdoor  
 Duct Sealing System

## PART NUMBERS

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

## TECHNICAL DATA

### INSTALLED WITH DT-TAPE

#### RTA-50 SEALANT

Bonding Time	72 hours*
Service Temperatures	0°F to 200°F
Surface Burning	<i>(When tested in accordance with ASTM E84)</i> Flame spread.....0 Smoke developed...0
Weather QUV	Passed 1000 hours QUV
Pressure Classes	SMACNA ½, 1, 2, 3, 4, 6 and 10 inches w.g.
Seal Class	Meets Seal Class A
Mildew Resistance	Mold & Mildew resistant
Freeze/Thaw Stability	Passed 5 Cycles (stir before use)
VOC	Exempt: 0 g/l Non-Exempt: 135 g/l (less water)

\*May vary according to temperature and humidity

## SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
	City of Los Angeles Approval RR#8069	Pass

#### 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

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.

## APPLICATION

Temperature	35°F to 110°F (1.7°C to 44°C)
Method	Recommend 2 Part II Dispenser (see instructions) or brush. Used 2 Part II Dispenser or coat both sides, if using the brush method. Use lengths of 12 to 18 inches. Apply heavy side down and press firmly into place, removing wrinkles and air bubbles. Overlap a minimum of 2 inches. Either method, apply a top coat of RTA 50 over tape with brush. Interior applications dry time is <b>72 hours</b> . Either method, exterior applications require an additional coat of RTA 50 after 72 hours.
Preparation	Surface must be dry and free of dirt, oil and grease.
Clean Up Wet	Soap and water
Clean Up Dry	UN-TACK™ or Solvent (Use safe handling practices.)
Painting	Only latex or epoxy paints
Coverage	Approx. 1 gallon RTA-50 per two 3" x 150' rolls of DT-Tape

## STORAGE

Temperature	35°F to 110°F (1.7°C to 44°C) DO NOT FREEZE
Shelf Life	RTA 50 = One year (unopened) DT-Tape = Not applicable

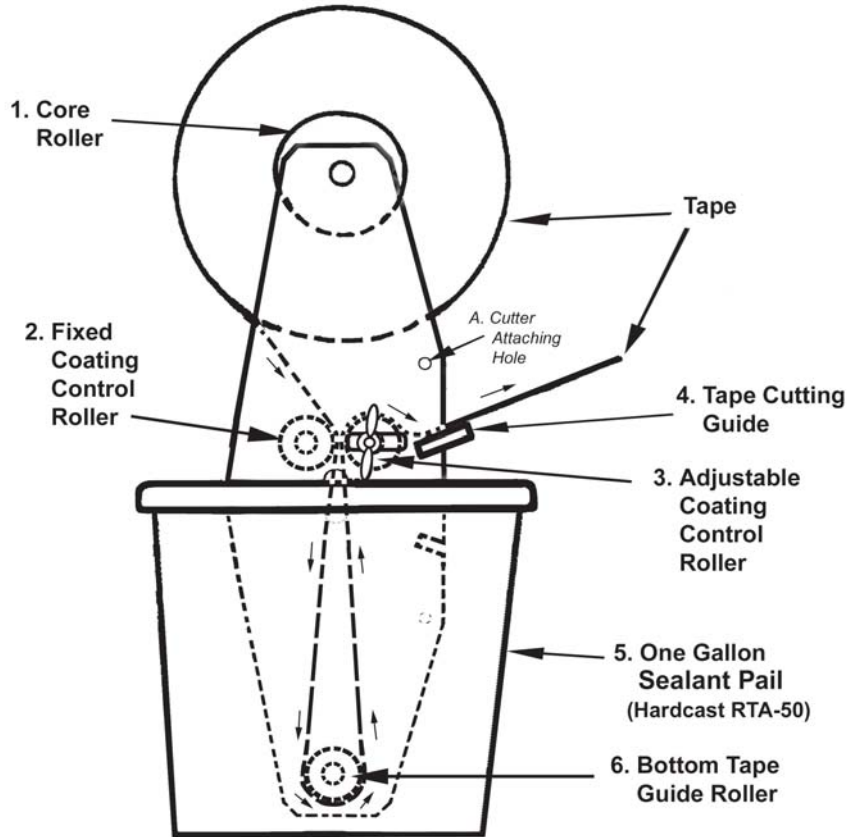
## PRECAUTIONS

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.) 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 Industrial Professional Use Only.**



The original, classic Hardcast DT Tape and sealant system invented by Hardcast now comes in this new, easy to use system. The original tape is now in 150 foot lengths to fit this dispenser. The RTA-50 liquid sealant is available in 1 gallon pails. The combination offers the same superior seam/joint sealing used for almost 40 years in an easy to use, easy to maintain dispenser. Save time and money and still get the best duct seal ever invented, just follow these instructions.



- A. Remove Core Roller (1) by slightly pulling on the sides of the holder/frame. Insert the Roller into a roll of Hardcast DT-5300 or DT-5400 Tape. Replace the Roller with the Tape into the holder/frame.
- B. Guide the leading edge of the tape down, between the the Fixed Coating Control Roller (2) and the Adjustable Coating Control Roller (3). Pull the tape under and around the Bottom Tape Guide Roller (6).
- C. Pull the tape up and guide it back through the two Coating Control Rollers (2) & (3) and over the Adjustable Coating Control Roller (3).
- D. Pull the tape through the the holder/frame towards and over the Tape Cutting Guide (4).
- E. Remove the lid from the Hardcast RTA-50 sealant pail. Place the assembled Tape and Dispenser in place of the lid and press the rim firmly to lock it to the pail.
- F. Adjust the amount of sealant applied to the tape by loosening the wing nuts of the Adjustable Coating Control Roller (3) and moving it towards the Fixed Coating Control Roller (2) until the tape is pressed against itself to create a squeegee effect. Move the Adjustable Roller (3) away from (2) to leave more sealant on the tape. Tighten the wing nuts when adjusted as desired.
- G. Pull the amount of tape needed and cut with a razor cutter using the Tape Cutting Guide (4) or use scissors.
- H. Apply the sealant/coated tape over the duct joint. Overlap the ends of the tape and squeeze out air bubbles. Allow to cure as directed on the sealant label.
- I. Allow a minimum of **72 hours** drying time before turning on the system (on interior duct only).
- J. 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.
- K. When not in use, remove the Tape and Dispenser assembly from the pail. Close it tightly with it's lid. Cut the tape where it is dry, use or discard the wet tape. Clean the Dispenser with water.