Nu-Calgon Application Bulletin

Specialty Products













Quick Seal Repair Tapes - The NEWEST TECHNOLOGY for permanently sealing air & water leaks!

N u-Calgon introduces a complete line of easy-to-use quality repair tapes for the air conditioning, refrigeration and heating industries! Utilizing **MicroSealant™ Technology**, Quick Seal Repair Tapes will fuse between any two surfaces (except silicone), and will never harden, crack, peel or fall off like other HVACR sealing products, and they can be used on a multitude of applications (**see back page for more details**).

Quick Seal Double-Sided Putty Tape

This moldable Putty Tape can be used to permanently seal anything... around HVAC equipment, roof flashings, around pipes and electrical penetrations. Can be twisted into a rope, molded to any shape or used flat. Utilizing the MicroSealant[™] technology, Double-Sided Putty Tape will form a watertight and permanent "quick seal!"

Part Number: 4299-20 / 2" x 4' roll

Quick Seal Alumi-Tape

A heavy duty, 4 mil aluminum sheet sealing tape that utilizes the MicroSealant[™] technology to fuse at a molecular level to virtually any surface on which it is applied. Used indoors or outside, Alumi-Tape is the strongest and longest lasting metal sealing tape available, that will outlast any surface...ductwork, equipment panels, drain pans, and much more!

Part Number: 4299-21 / 3" x 25' roll

Quick Seal Roof Repair Tape

Roof repair tape utilizes the MicroSealant[™] technology, that when applied to virtually any surface, fuses at a molecular level to form a perfect seal that will not harden, crack, shrink or fall off. Can be used on and around HVAC equipment on all roof types, including EPDM (rubber), aged PVC, Metal, Modified, BUR, Shingle, and many more! Available in Black or White.

Part Number: 4299-22 (Black) / 3" x 25' roll Part Number: 4299-23 (White) / 3" x 25' roll

Quick Seal Web Tape

Utilizes a reinforced fabric backing with the MicroSealant[™] technology. The Web Tape stays flexible and easy to work with, while fusing to all types of ductwork and surfaces. Perfect for making existing flex systems Title 24 compliant, and addressing flex ductwork connections to make them completely air tight once and for all!

Part Number: 4299-24 / 3" x 25' roll

POPULAR INI



Part Number: 4299-20 / 2″ x 4′ roll

QUICK SEAL

Aluminum Duct Sealing Tape

4299-21 / 3^r x 25^r roll

ALIMI-TAPE

Part Number:





PERMANENTLY SEAL AND REPAIR:

- All duct connections on HVAC units, making them water and air tight
- Any penetration through walls made during installation of Line sets, exhausts, wires, etc.
- Gaps between equipment curbs and RTUs
- Doors and panels on HVAC Equipment
- Water proof penetrations and seams on roofs, as well as disconnect and junction boxes
- Corrosion proof pipes and protect pipe insulation
- Waterproof electrical connections
- Prevent dielectric action between dissimilar metals
- Weatherproof mechanical fastener penetrations through the roof
- And many more

The only Imfations are your Imagination.... U

PERMANENTLY SEAL AND REPAIR:

- Round rigid duct seams
- S and drive cleat seams on metal ductwork
- Corner and seams on air handlers and plenums
- Take-offs on HVAC units
- Leaking RTUs
- PVC pipes for high efficiency furnaces
- RTU drain pans and non-pressurized lines
- Water tower sumps
- Roof ductwork from the weather instead of painting
- Splits in old flexible ductwork liners
- Many more







(See additional inform

DUSTRY USES







PERMANENTLY SEAL AND REPAIR:

- Flash in equipment curbs to TPO, Hypalon, and penetrations to EPDM
- Flash in exhaust fans, pitch pockets, and chimneys
- Repair accidental penetrations to roofs
- · Permanently seal roof ductwork from the weather
- Walk-in coolers, swamp cooler drain pans, and water tower sumps
- Waterproof disconnect and junction boxes
- Waterproof penetrations and seams on roofs
- Leaking skylights and RTUs
- Equipment curb flashings to roofs
- Weatherproof mechanical fastener penetrations through roof
- Many more

that will you use Quiek Seal Repair Tapes for?

PERMANENTLY SEAL AND REPAIR:

- Rigid and flexible ductwork seams
- Corner and seams on air handlers
- Splits in old flexible duct work liners
- Start collar to flexible duct connections
- Rigid duct to flexible duct transitions
- · Roof ductwork from the weather, including leaking gutters
- Condensate drain leaks
- Reattach insulation to ducts
- Flexible canvas connectors
- Make old duct work systems Title 24 compliant
- Many more





Part Number: 4299-22 / 3[~] x 25[^] roll (Black) 4299-23 / 3[~] x 25[^] roll (White)

BLACK

WHITE

QUICK SEAL

ROOF REPAIR TAPE

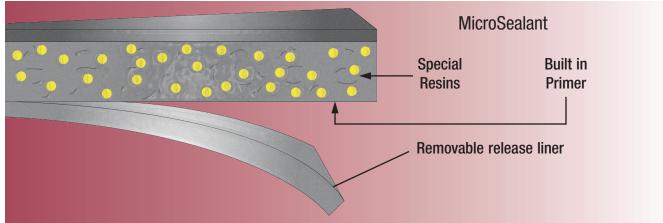
QUICK SEAL

WEB TAPE Fabric Backed Duct Sealing Tape

Part Number: 4299-24 / 3[°] x 25[°] roll

nation on back page)

The NEWEST TECHNOLOGY in sealing!



WHAT IS A MICROSEALANT?

A family of sealants that contain no double bonds between carbon atoms, but instead are comprised of a single bond between carbon atoms, resulting in a molecular structure that is extremely stable... resistant to oxygen, ozone, heat, extreme cold, and the effects of temperature cycling. All Quick Seal Repair Tapes feature this technology.

This technology is formulated from synthetic rubbers (non-butyl) and resins. Some versions integrate thermo plastics, and all contain proprietary micro-polymer chemistry. This facilitates a primer-like instant bond to most known materials, fusing to all surfaces (except silicone).

The sealant has a wide installation range from 40°F to at least 150°F. It also has a wide installed temperature tolerance range from -70°F to over 300°F (250°F on vertical surfaces). Quick Seal Repair Tapes will bond to almost any selected substrate at a molecular level, increasing surface area, and resulting in a "fusing" action. They are self-healing, and are extremely tolerant of chemical contact, making them ideal for use in extreme industrial environments.

Unlike most traditional caulking, mastics, tapes, and sealants, Quick Seal Repair Tapes are environmentally stable. They contain no solvents or VOCs, are safe to use, and emit no off-gasses so the will not compromise air quality within the building envelope.

FEATURES AND BENEFITS

- Can be used on HVAC installations and roof surfaces (TPO, Hypalon, EPDM, aged PVCs, Rubber, Metal, and more!)
- Sticks to flexible or rigid ductwork, flex connectors, drain pans and more
- Fixes almost any NON-PRESSURIZED leak
- Stays flexible to -70°F
- Sag rating above 250°F
- Non-Hydroscopic
- Environmentally friendly
- Up to 35 year life expectancy
- Shelf life of approximately 5+ years
- Integrated primer
- Pressure activated
- Fast and easy installation!

APPLICATIONS

Quick Seal Repair Tapes, utilizing Microsealant technology, maintain a flexible, water & air tight seal on a wide range of materials, including:

- Roofing Materials: EPDM, CSPE/Hypalon, TPO, CPE, aged PVCs, APP and SBS modified, asphalt, BUR, coal tar BUR, shingle, tile, and all metals.
- Roofing Accessories: Skylights, all gutter systems, copings, and chimneys.
- Building Materials: Wood, glass, plastic, masonry, brick, stone, steel, OSB board, Gypsum board, Polystyrene, vinyl siding, sheeting membranes, and more.
- Also: HVAC ductwork, drain pans & equipment, canvas, pond and pool liners, ABS, fiber glass, polyethylene holding tanks, RV roofs and watercraft seams, and more.













Made in the U.S.A. 2008 Altom Ct. • St. Louis, MO 63146 • 800-554-5499 • www.nucalgon.com Calgon is a licensed trade name • (1211) 3-118

