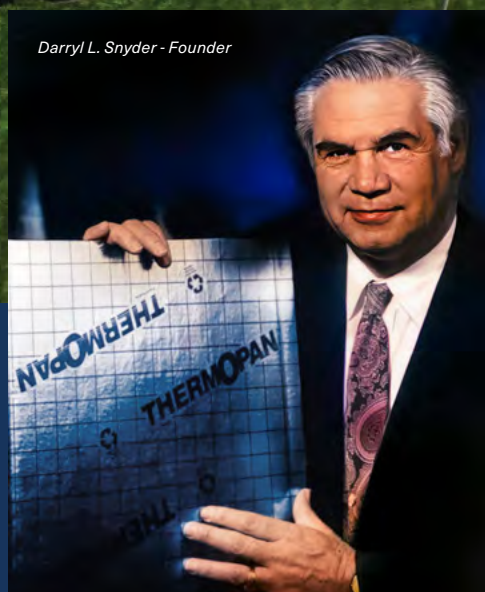


# PRODUCT CATALOG

THORCO<sup>TM</sup>



*Darryl L. Snyder - Founder*

## Building the foundation for the next generation of HVAC contractors.

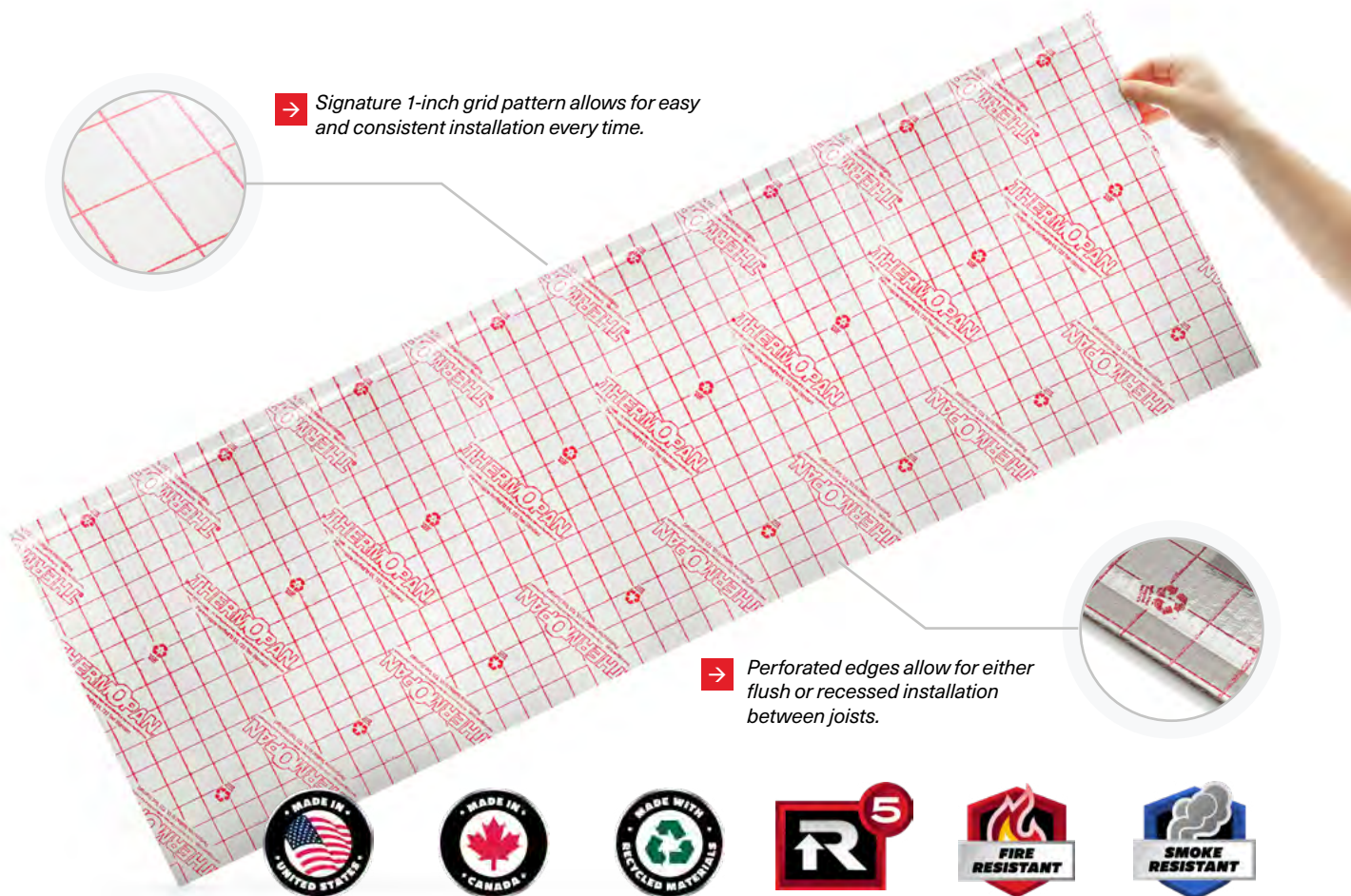
Thermo Manufacturing has been proudly serving the heating and cooling industry for 30+ years. Founded in 1992 by Darryl L. Snyder, a former HVAC contractor, Thermo strives to create products that help the professional contractor by making their day-to-day jobs easier, simpler and less time consuming.

The signature product line, Thermopan, was born out of the desire to find an easier material to work with than sheet metal. For over three decades, contractors all over the world have agreed, the Thermopan product is a phenomenal alternative to sheet metal for constructing return air ducts.

Built on a history of innovation, Thermo Manufacturing looks forward to being a supplier of choice for the next generation of HVAC contractors. Highlighted by products made and manufactured in North America, you can trust Thermo to continue developing products that help you do your job more efficiently.



Signature Products



## THERMOPAN

The Thermopan system is the definitive sheet metal alternative for constructing return air ducts. Anywhere you can pan a joist, you can use Thermopan.

### Features

- Designed specifically for return air ducts
- Lightweight & easy to install
- Attaches to joists with staples or screws
- Machine cut precision edges
- Dampens duct noise
- Does not sweat or collect moisture
- Non-combustible
- Made from recycled products
- Manufactured in USA and Canada

## Fire-Resistant

| ORDER# | SIZE            | QUANTITY |
|--------|-----------------|----------|
| 16048  | 16in x 47.5in   | 25       |
| 19048  | 19.5in x 47.5in | 25       |
| 22048  | 22in x 47.5in   | 25       |
| 24048  | 24in x 47.5in   | 25       |
| 32036  | 32in x 35.5in   | 25       |
| 32039  | 39.5in x 32in   | 25       |

## Ultra Fire-Resistant

| ORDER# | SIZE            | QUANTITY |
|--------|-----------------|----------|
| 16050  | 16in x 47.5in   | 25       |
| 19050  | 19.5in x 47.5in | 25       |
| 24050  | 24in x 47.5in   | 25       |

Exterior foil contains advanced polymers that increase fire and smoke protection.

## THERMOPAN HEADERS



### Features

- Connects to Thermopan to seal off joists
- Pre-cut and scored for simple installation
- Fits I-joist construction
- Can be joined with tape or Thermopan Connectors

## Fire-Resistant

| ORDER#           | SIZE        | QUANTITY |
|------------------|-------------|----------|
| 16012R           | 16in x 12in | 125      |
| 16016R           | 16in x 16in | 125      |
| 16017R (I-Joist) | 16in x 17in | 125      |
| 16019R (I-Joist) | 19in x 16in | 125      |

## Ultra Fire-Resistant

| ORDER#          | SIZE        | QUANTITY |
|-----------------|-------------|----------|
| 16013           | 16in x 12in | 125      |
| 16015           | 16in x 16in | 125      |
| 16018 (I-Joist) | 16in x 17in | 125      |
| 16020 (I-Joist) | 19in x 16in | 125      |

## CONNECTORS

| ORDER# | SIZE   | QUANTITY     |
|--------|--------|--------------|
| 16348  | 16in   | 250 (or 500) |
| 19348  | 19.5in | 250          |
| 22348  | 22in   | 250          |
| 24348  | 24in   | 250          |
| 32336  | 32in   | 250          |



### Features

- Connects sheets of Thermopan and Headers together
- Molded from rigid polypropylene
- Simple slide-in connection for quick installation

## THERMOPAN KITS

→ Kits only available in Fire Resistant SKUs

| ORDER# | SIZE            | QUANTITY     |
|--------|-----------------|--------------|
| 16049  | 16in x 47.5in   | 25 Thermopan |
| 19049  | 19.5in x 47.5in | 25 Thermopan |
| 22049  | 22in x 47.5in   | 25 Thermopan |
| 24049  | 24in x 47.5in   | 25 Thermopan |
| 32037  | 32in x 35.5in   | 25 Thermopan |

|           |               |
|-----------|---------------|
| 4 Headers | 25 Connectors |
| — Headers | 25 Connectors |
| — Headers | 25 Connectors |
| — Headers | 25 Connectors |
| — Headers | 25 Connectors |



## FLEX DUCT SADDLES

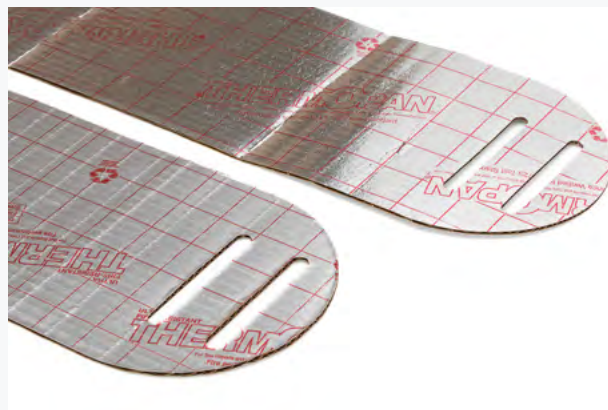
A simple and cost-effective solution to help support insulated flex duct, cut from our signature Thermopan material.

### Features

- Pre-cut and scored for simple installation
- Works with any common hanging strap up to 3 inches
- Minimizes insulation compression
- Reduces condensation
- Increases airflow inside duct
- Improves system efficiency



Saddles can be linked together to accommodate larger flex duct



| ORDER# | SIZE       | QUANTITY |
|--------|------------|----------|
| 10101  | 14in x 6in | 250      |
| 20603  | 20in x 6in | 100      |
| 30603  | 30in x 6in | 100      |



## WOVEN DUCT STRAP

| ORDER# | SIZE        | QUANTITY |
|--------|-------------|----------|
| 10134  | 1.75in wide | 24 rolls |
| 10300  | 3in wide    | 8 rolls  |

### Features

- Made from polypropylene
- Tear-resistant
- Available in black





# HVAC Accessories

## SNAP CLAMPS

Strong, adjustable, and easy enough for one person to hang a line set. Thanks to real-time contractor feedback we've added multiple sizes to accommodate any pipe or wire hanging need.

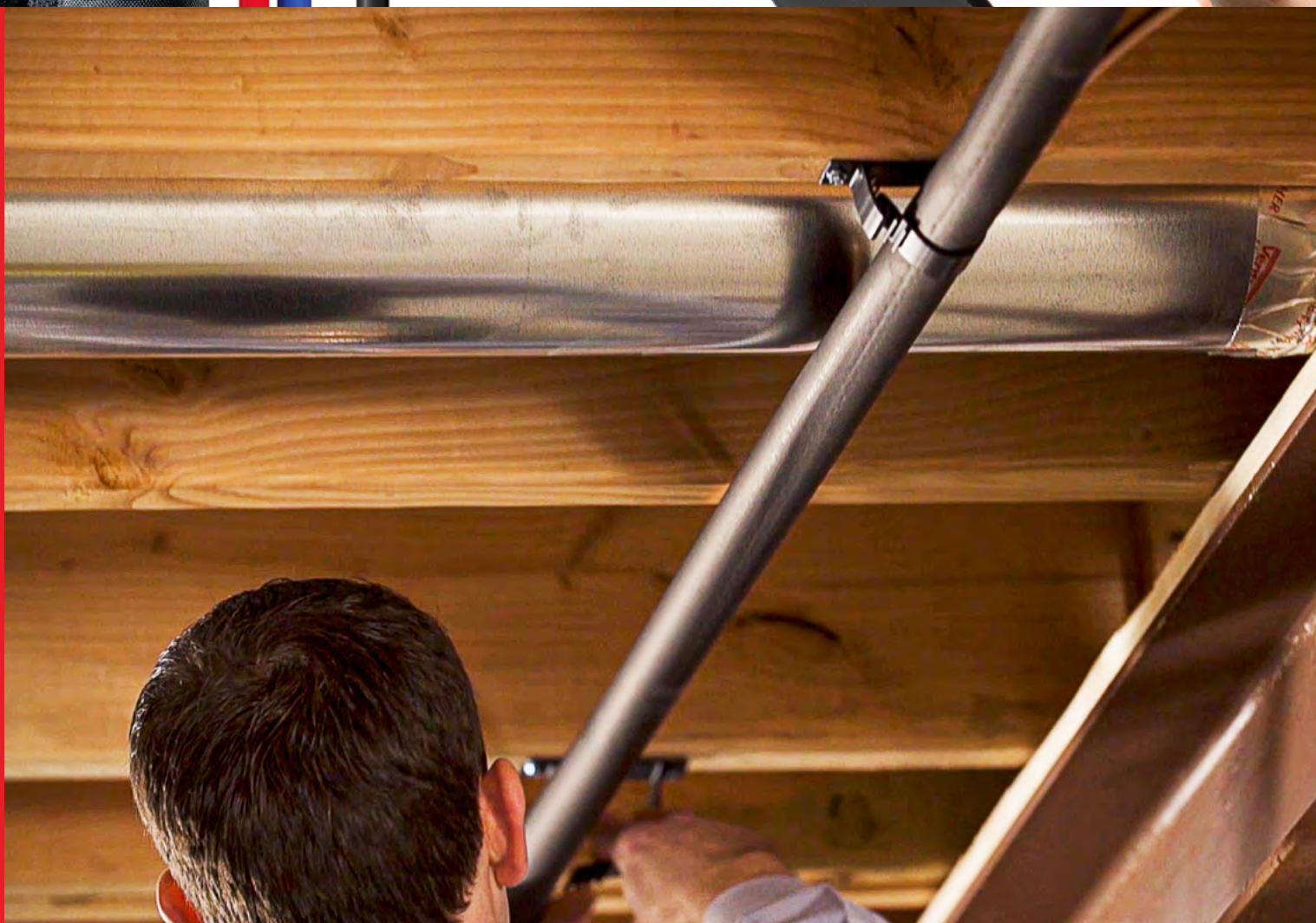
### Features

- Works with copper, PVC, PEX, ABS, electrical and more
- Clamps easily re-open for on-the-fly adjustments
- Made from recycled plastics
- Available in a variety of commercial and residential sizes



← Hang a variety of line sets, cables and wiring

↙ Temporarily set your line with the adjustable teeth and simply press in for a snug finish



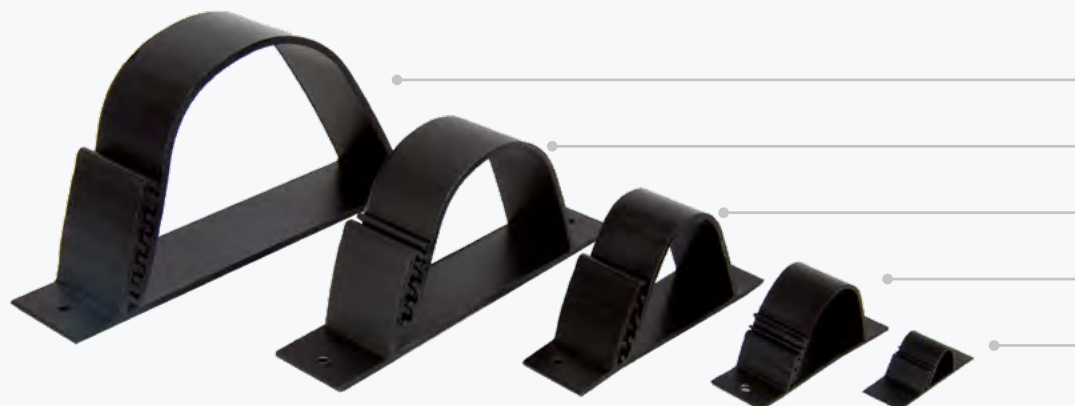


## Black Clamps

| ORDER# | SIZE      | QUANTITY     |
|--------|-----------|--------------|
| 41050  | 7/16in OD | 1000         |
| 41075  | 1in OD    | 1000         |
| 41118  | 1.5in OD  | 500 (or 100) |
| 41125  | 2in OD    | 250 (or 50)  |
| 41150  | 3in OD    | 250 (or 50)  |

## White Clamps

| ORDER# | SIZE     | QUANTITY     |
|--------|----------|--------------|
| 51118  | 1.5in OD | 500 (or 100) |
| 51125  | 2in OD   | 250 (or 50)  |



**41150** - Industrial Clamp

**41125** - Commercial Clamp

**41118** - Residential Clamp

**41075** - Mini Clamp

**41050** - Micro Clamp



## RETURN AIR FRAMES

A simple and low cost, sheet-metal alternative for roughing in return air frames. Easily attach any of the Return Air Frames to a stud bay, hang drywall, and finish off with our Snap Grilles for the easiest solution on the market.



→ Frames are easily separated by snapping or cutting the perforated seam in the center



### STANDARD

Open frame allows for uninterrupted and unfiltered airflow.



### FILTERED

Protected with a screen that blocks dirt, dust, and construction debris from entering the space.



### WINDOWED

Protected with a clear film that blocks airflow ensuring a tight seal in the return air system.

**STANDARD****Standard Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 14610  | 12 x 6 (2) or 30 x 6 (1) | 50  |
| 14620  | 24 x 6                   | 50  |
| 14630  | 14 x 6 (2) or 30 x 6 (1) | 50  |
| 14830  | 18 x 6 (2) or 30 x 6 (1) | 50  |

**Hart & Cooley Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 24620  | 24 x 6                   | 50  |
| 24630  | 14 x 6 (2) or 30 x 6 (1) | 50  |

**FILTERED****Standard Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 14612  | 12 x 6 (2) or 30 x 6 (1) | 50  |
| 14622  | 24 x 6                   | 50  |
| 14632  | 14 x 6 (2) or 30 x 6 (1) | 50  |
| 14832  | 18 x 6 (2) or 30 x 6 (1) | 50  |

**Hart & Cooley Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 24622  | 24 x 6                   | 50  |
| 24632  | 14 x 6 (2) or 30 x 6 (1) | 50  |

**WINDOWED****Standard Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 14611  | 12 x 6 (2) or 30 x 6 (1) | 50  |
| 14621  | 24 x 6                   | 50  |
| 14631  | 14 x 6 (2) or 30 x 6 (1) | 50  |
| 14831  | 18 x 6 (2) or 30 x 6 (1) | 50  |

**Hart & Cooley Sizes**

| ORDER# | SIZE                     | QTY |
|--------|--------------------------|-----|
| 24621  | 24 x 6                   | 50  |
| 24631  | 14 x 6 (2) or 30 x 6 (1) | 50  |



# ***We're changing the game for the mod contractor.***

Our mission has been clear from the beginning — to create low-cost, easy to install products that are built to last. We continue to strive for excellence in service to our industry, both through product innovation and the way we treat our customers. Thousands of professionals across North America continue to choose Thermo products as part of their preferred HVAC solution, and we know you will too once you experience how easy a rough-in can be.



Subscribe to our YouTube channel for tips, installation guides, and new product releases





# “

# the modern

*We've thoroughly enjoyed our relationship with Thermo for years, and their commitment to excellence is truly unmatched. This family-owned company's products stand out for their overall quality, consistently meeting, and exceeding our expectations. The exceptional service from their sales team further solidifies our loyalty, making them our preferred choice for reliable HVAC solutions.*

**—Michigan Wholesaler**

Verified Thermo Customer

*Thermo has been a very consistent manufacturer for our business, the support from the sales staff has been a big part of why we do business with this company. Shipments to our facilities are flawless even when transportation has been struggling to get product to distributors without significant delays or damage. The continued relationship with Thermo will be long term going into the future.*

**—New Hampshire Wholesaler**

Verified Thermo Customer

*Our company has been working with Thermo Manufacturing for over 15 years and we feel as if we are a new customer every time we place an order, it is a great feeling knowing we will be important to TM at all times. No matter how big or small our needs are, from stocking orders to special orders, Thermo's Team does an amazing job making each and every order important to them. In the midst of the pandemic, many suppliers were having a tough time with supply chain but Thermo's Team made sure their customers' needs were top priority and they were able to ship product to us in a more than timely manner, it was impressive. We are happy and honored to be in such a wonderful and respectful partnership with Thermo Manufacturing.*

**—Kansas Wholesaler**

Verified Thermo Customer



## SNAP GRILLES



→ Reverse side snap tabs

| ORDER# | SIZE               | QTY |
|--------|--------------------|-----|
| 15146  | 15 7/8in x 7 7/8in | 40  |

Precision-molded grilles designed for use with either 1/2in or 5/8in drywall. Use in combination with our Thermo Return Air Frames.

### Features

- Snap tabs allow for easy assembly and removal
- Dishwasher safe for easy cleaning
- Paintable to match wall or trim colors
- Eliminates rust and chipping
- Pre-marked screw holes makes it easy to use with other brands of frames.

## THERMOSTAT RUFF PLATE

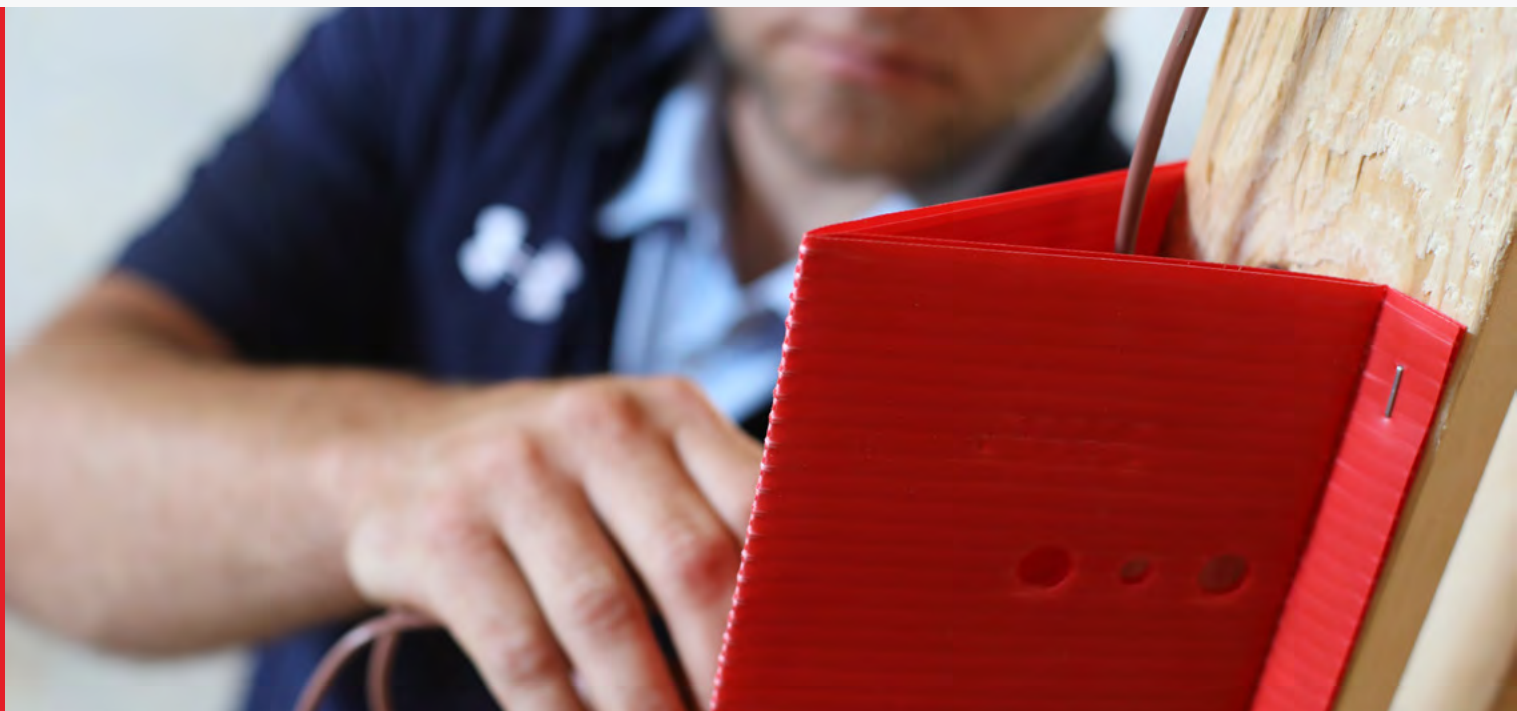


| ORDER# | SIZE                  | QTY |
|--------|-----------------------|-----|
| 56000  | 6in x 6in (assembled) | 100 |

The simplest way to keep thermostat wires in place, creating an airtight seal around the wires for accurate temperature control.

### Features

- Fits most makes & models of thermostats
- Residential and commercial application
- Works with both wood and metal studs
- Provides solid support for sub-base screws
- Keeps wire in middle of stud
- Universal stud orientation for left or right mounting



## THIMBLE KITS



Our Thimbles are designed to clean up wall penetrations as well as create a weather tight seal when running line sets, piping and wiring through exterior walls.

### Features

- Professional solution to run exterior wall line sets
- Stops line set snagging
- Creates an air-tight seal
- High-density foam gaskets keep out insects and pests
- Commercial and residential applications



### Round (New Construction)

| ORDER# | SIZE             | QTY |
|--------|------------------|-----|
| 44002  | 2 7/8in Diameter | 20  |
| 44005  | 4 7/8in Diameter | 16  |

### Rectangle (New Construction)

| ORDER# | SIZE             | QTY |
|--------|------------------|-----|
| 44008  | 2 7/8in Diameter | 20  |

### Round (Retrofit)

| ORDER# | SIZE             | QTY |
|--------|------------------|-----|
| 44003  | 2 7/8in Diameter | 20  |
| 44006  | 4 7/8in Diameter | 16  |

### Rectangle (Retrofit)

| ORDER# | SIZE             | QTY |
|--------|------------------|-----|
| 44009  | 2 7/8in Diameter | 20  |



Thimbles are 2-piece telescoping tubes that extend to fit up to 12 inch thick walls

Round Thimble

Rectangle Thimble



## VIBRATION BLOCKS



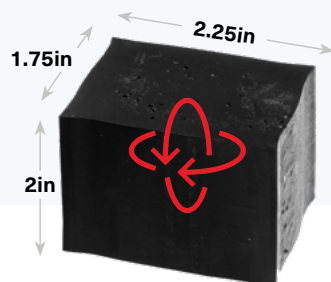
| ORDER# | SIZE              | QUANTITY |
|--------|-------------------|----------|
| 19525  | .75in x 3in x 3in | 100      |

### Features

- Absorbs vibration and noise from equipment
- Water and insect resistant
- 1,250lbs of crushing strength per block
- Commercial and industrial use



- Rotates 3 different ways to accommodate for multiple heights



## TWIST BLOCKS

| ORDER# | SIZE                  | QUANTITY |
|--------|-----------------------|----------|
| 17525  | 1.75in x 2in x 2.25in | 100      |

### Features

- Level furnaces, air conditioners and more
- Water and insect resistant
- 5,000lbs of crushing strength per block
- Commercial and industrial use





## BUTTON LOK



| ORDER# | SIZE        | QUANTITY |
|--------|-------------|----------|
| 10100  | 1in x 100ft | 20       |
| 10200  | 2in x 100ft | 10       |

### Features

- Adjustable hanging strap to bring duct up or down
- Made from high-density polyethylene
- Easy to cut and installs with a screw or nail

## BRACKETS

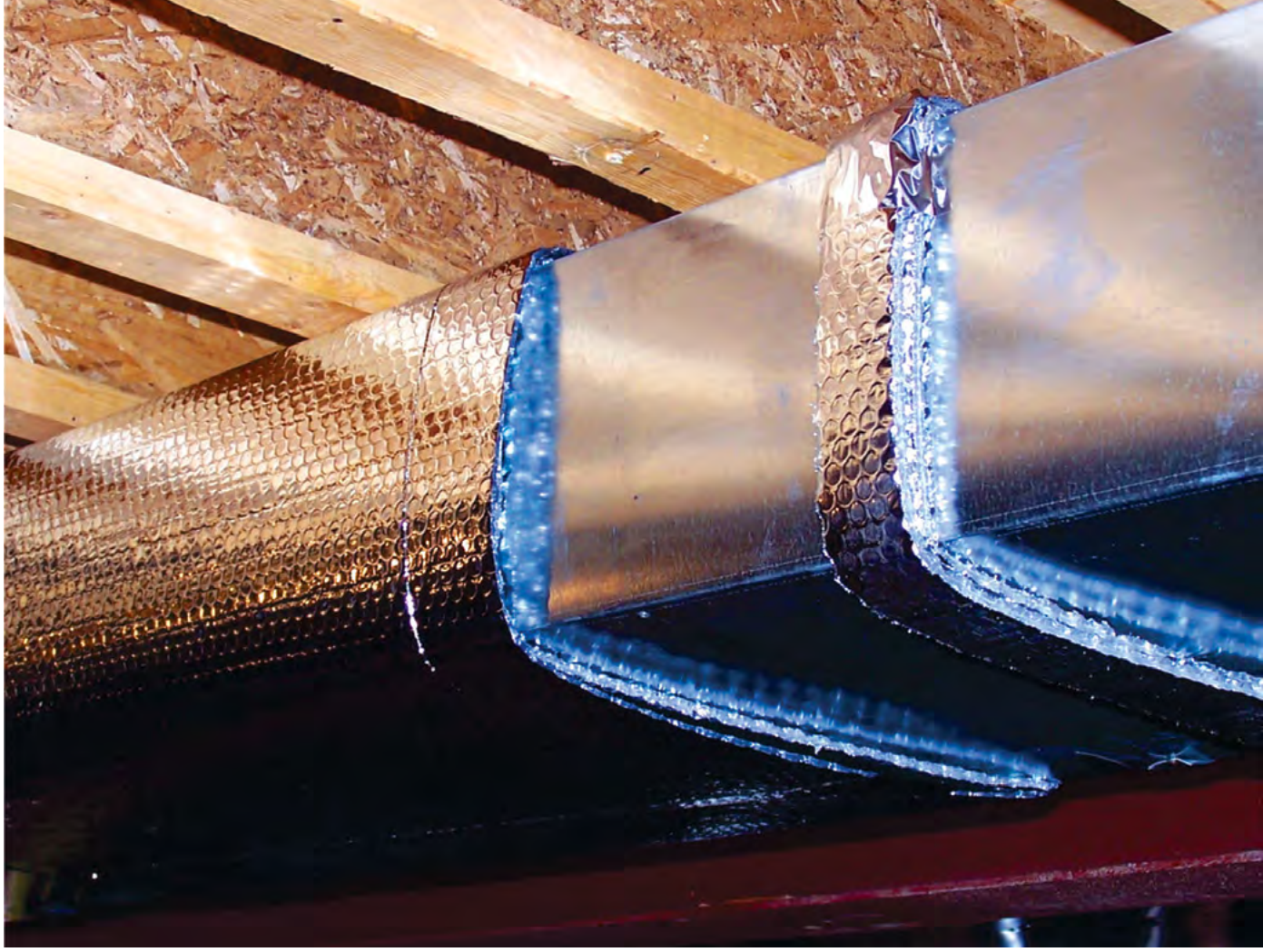


| ORDER# | SIZE              | QUANTITY |
|--------|-------------------|----------|
| 01601  | 16in (up to 19in) | 250      |

### Features

- Adjust both horizontally and vertically
- PVC body reduces heat and noise from ducts
- Ready to use, no nails needed

# Reflective Insulation

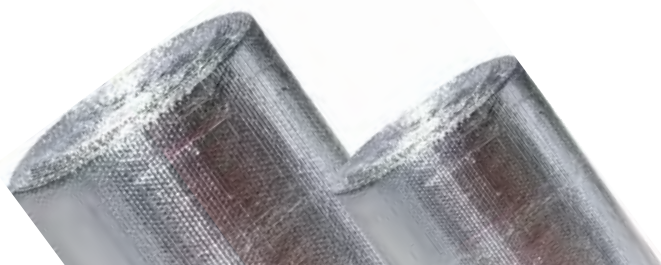


## BIG-8 DUCT INSULATION

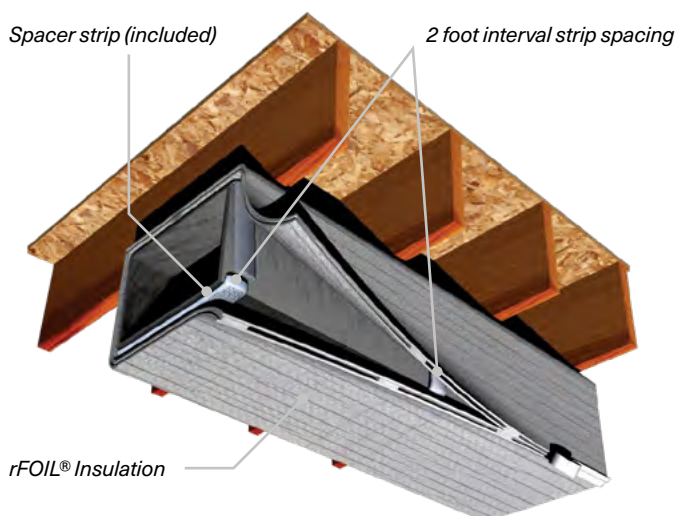
Simplify your insulation job and create an airtight thermal break around ductwork to improve system efficiency as much as 30%.

### Features

- Reflective foil alternative to fiberglass insulation
- Includes inspector-friendly code certification strip
- R-8 value greatly improves system efficiency
- Inhibits condensation, mold and fungi growth
- Approved vapor barrier protection
- Quick, safe and easy to install
- ASTM E84-09 Class 1/Class A fire rating approved
- Residential and commercial applications



| ORDER#      | SIZE        | QUANTITY  |
|-------------|-------------|-----------|
| 2280-48-050 | 48in x 50ft | 200 sq ft |
| 2280-48-075 | 48in x 75ft | 300 sq ft |



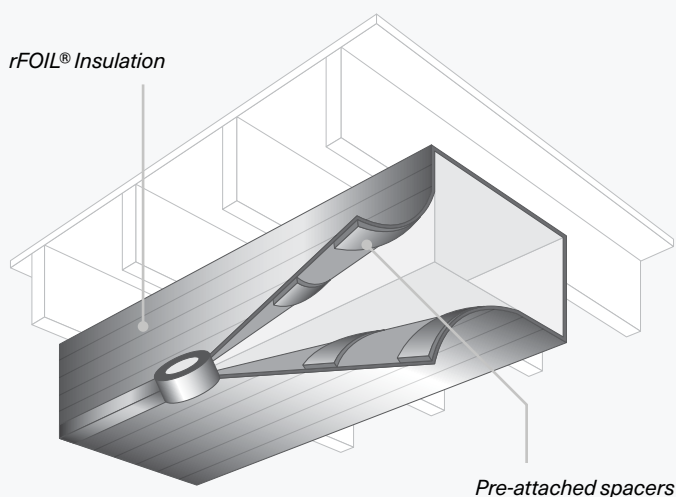
## BIG-6 DUCT INSULATION

A commercially tough yet installer friendly “direct-to-duct” solution that includes pre-attached spacers to save time and money during installation.

### Features

- Reflective foil alternative to fiberglass insulation
- Pre-attached spacers save time on installation
- Includes inspector-friendly code certification strip
- R-6 value greatly improves system efficiency
- Inhibits condensation, mold and fungi growth
- Approved vapor barrier protection
- Quick, safe and easy to install
- ASTM E84-09 Class 1/Class A fire rating approved
- Residential and commercial applications

| ORDER#        | SIZE        | QUANTITY  |
|---------------|-------------|-----------|
| T12260-48-075 | 48in x 75ft | 300 sq ft |



## R-4 DUCT INSULATION

| ORDER#        | SIZE         | QUANTITY  |
|---------------|--------------|-----------|
| T12290-24-050 | 24in x 50ft  | 100 sq ft |
| T12290-36-050 | 36in x 50ft  | 150 sq ft |
| T12290-48-050 | 48in x 50ft  | 200 sq ft |
| T12290-48-100 | 48in x 100ft | 400 sq ft |
| T12290-48-125 | 48in x 125ft | 500 sq ft |
| T12290-60-100 | 60in x 100ft | 500 sq ft |
| T12290-60-125 | 60in x 125ft | 625 sq ft |

### Features

- Get more R-value with less material thickness
- Reduces energy bills and extends life of the system
- Includes inspector-friendly code certification strip
- R-4.3 value greatly improves system efficiency
- Inhibits condensation, mold and fungi growth
- ASTM E84-09 Class 1/Class A fire rating approved
- Residential and commercial applications



## ULTRA CONCRETE BARRIER

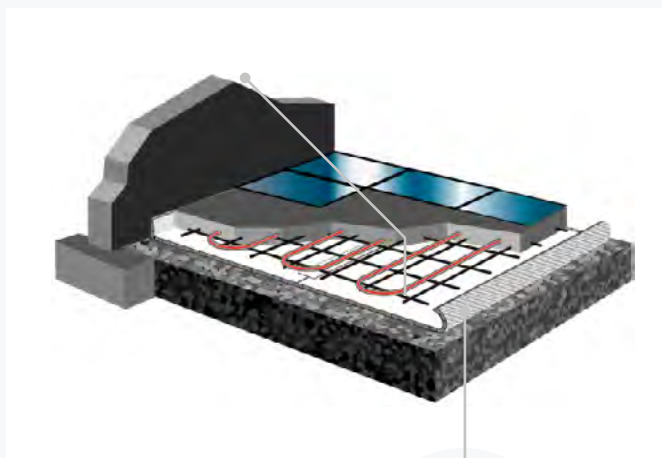
A patented under-concrete insulation barrier that protects surfaces from corrosive chemicals, and ensures that an airspace is maintained for optimum thermal performance.

### Features

- Can be installed under concrete slabs, radiant heating, beneath concrete over-pours, snow melt systems, carpet and more.
- Puncture-resistant vapor barrier
- Improves efficiency of in-floor radiant heating systems
- Can be installed easily over any grade
- R-Value = 1.1



| ORDER#        | SIZE         | QUANTITY  |
|---------------|--------------|-----------|
| T11620-16-125 | 16in x 125ft | 500 sq ft |
| T11620-48-125 | 48in x 125ft | 500 sq ft |



Bubble layer

Reflective foil layer

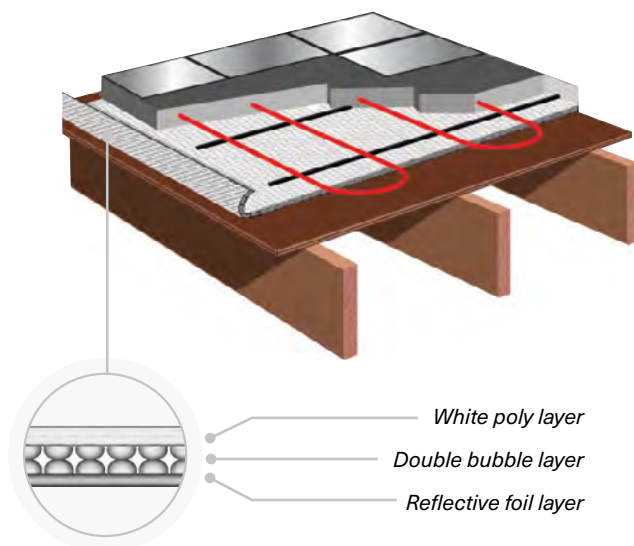
Bubble layer

## CONCRETE UNDERPAD

| ORDER#        | SIZE         | QUANTITY  |
|---------------|--------------|-----------|
| T14320-48-125 | 48in x 125ft | 500 sq ft |
| T14320-72-125 | 72in x 125ft | 750 sq ft |

### Features

- Can be used to insulate under concrete slabs, concrete pour overs and expansion joints
- Puncture-resistant vapor barrier
- Improves efficiency of in-floor radiant heating systems
- Can be installed easily over any grade
- R-Value = 1.1



White poly layer

Double bubble layer

Reflective foil layer

## JOIST INSULATION



| ORDER#        | SIZE         | QUANTITY    |
|---------------|--------------|-------------|
| T12222-16-125 | 16in x 125ft | 167 sq ft   |
| T12222-18-125 | 18in x 125ft | 187.5 sq ft |
| T12222-24-125 | 24in x 125ft | 250 sq ft   |
| T12222-16-075 | 16in x 75ft  | 100 sq ft   |
| T12222-24-075 | 24in x 75ft  | 150 sq ft   |

Insulate between walls and ceiling joists with a simple tabbed edge system that makes installation easy.

### Features

- Designed with staple tabs to recess between joists
- Inhibits condensation, mold and fungi growth
- Vapor barrier protection
- Achieve higher R-Value with less material thickness
- ASTM E84-09 Class 1/Class A fire rating approved
- Designed for residential applications



## RADIANT BARRIER

### Features

- Insulation designed for attics, drop ceiling and decking
- Available in solid (S) or perforated (P) sheets
- Blocks 96% of radiant heat transfer
- Retains heat in cold weather

| ORDER#         | SIZE         | QUANTITY  |
|----------------|--------------|-----------|
| T14800-48-125S | 48in x 125ft | 500 sq ft |
| T14800-48-125P | 48in x 125ft | 500 sq ft |

## RTV SILICONE SEALANT



### Standard RTV Silicone

| ORDER# | COLOR    | QTY      |
|--------|----------|----------|
| 15000  | Clear    | 12 tubes |
| 15001  | White    | 12 tubes |
| 15004  | Aluminum | 12 tubes |

#### Features

- For use on HVAC, general construction and more
- Weather and mildew resistant
- Goes on smooth and stays permanently flexible
- Non-paintable



### High-Temp RTV Silicone

| ORDER# | COLOR | QTY      |
|--------|-------|----------|
| 60003  | Red   | 12 tubes |

#### Features

- For use on HVAC, fireplaces, furnace vents, ovens, smokestacks and engine parts
- For high temp areas up to 600°F
- Watertight bond from -80°F to 500°F
- Non-paintable

## NUCO SILICONE



### Draft Stop Silicone

| ORDER# | COLOR      | QTY      |
|--------|------------|----------|
| 81136  | Red/Orange | 12 tubes |

#### Features

- Will not become brittle or break down over time
- Adheres to wood substrates
- Meets American Society for Testing Materials E-136



### Fire Stop Silicone

| ORDER# | COLOR | QTY      |
|--------|-------|----------|
| 81430  | Red   | 12 tubes |

#### Features

- Swells at high temperatures
- Caulk and walk application
- Fills 3 collars per penetration vs 1

## NOZZLE HEADS



### Twist Nozzle

| ORDER# | COLOR | QTY |
|--------|-------|-----|
| 95112  | White | 12  |
| 95148  | White | 48  |

→ 360 degree swivel action for hard to reach places



### RIKA Nozzle 360°

| ORDER# | COLOR         | QTY |
|--------|---------------|-----|
| 36012  | White/Red Cap | 12  |
| 36048  | White/Red Cap | 48  |

## FOAM SEALANTS



### Low Pressure Polyurethane Foam

| ORDER# | SIZE         | QUANTITY |
|--------|--------------|----------|
| 30002  | 12oz (straw) | 12 cans  |

#### Features

- Low-pressure polyurethane foam fills cracks and voids creating an air-tight seal
- For use around HVAC vents and pipes, through-wall penetrations, insulation board joints, plumbing and more



### Fireblock Foam Sealant

| ORDER# | SIZE         | QUANTITY |
|--------|--------------|----------|
| 30033  | 12oz (straw) | 12 cans  |

#### Features

- Impedes the spreading of fire and smoke through service penetrations
- For use in ductwork, plumbing, electrical outlets, base plates, insulation board, studs and more

## ADHESIVE TAPES

| ORDER# | SIZE          | DESCRIPTION    | QUANTITY |
|--------|---------------|----------------|----------|
| 16448  | 2in x 164ft   | White Poly     | 36       |
| 16472  | 3in x 164ft   | White Poly     | 24       |
| 17972  | 3in x 179ft   | Metalized Foil | 24       |
| 25181  | 2.5in x 180ft | Aluminum Foil  | 16       |
| 17920  | 2in x 179ft   | Gray Duct      | 24       |





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Canton, OH 44705

CALL  
**(888) 678-3709**

FAX  
**(888) 678-8711**

TOLL FREE UNITED STATES AND CANADA

