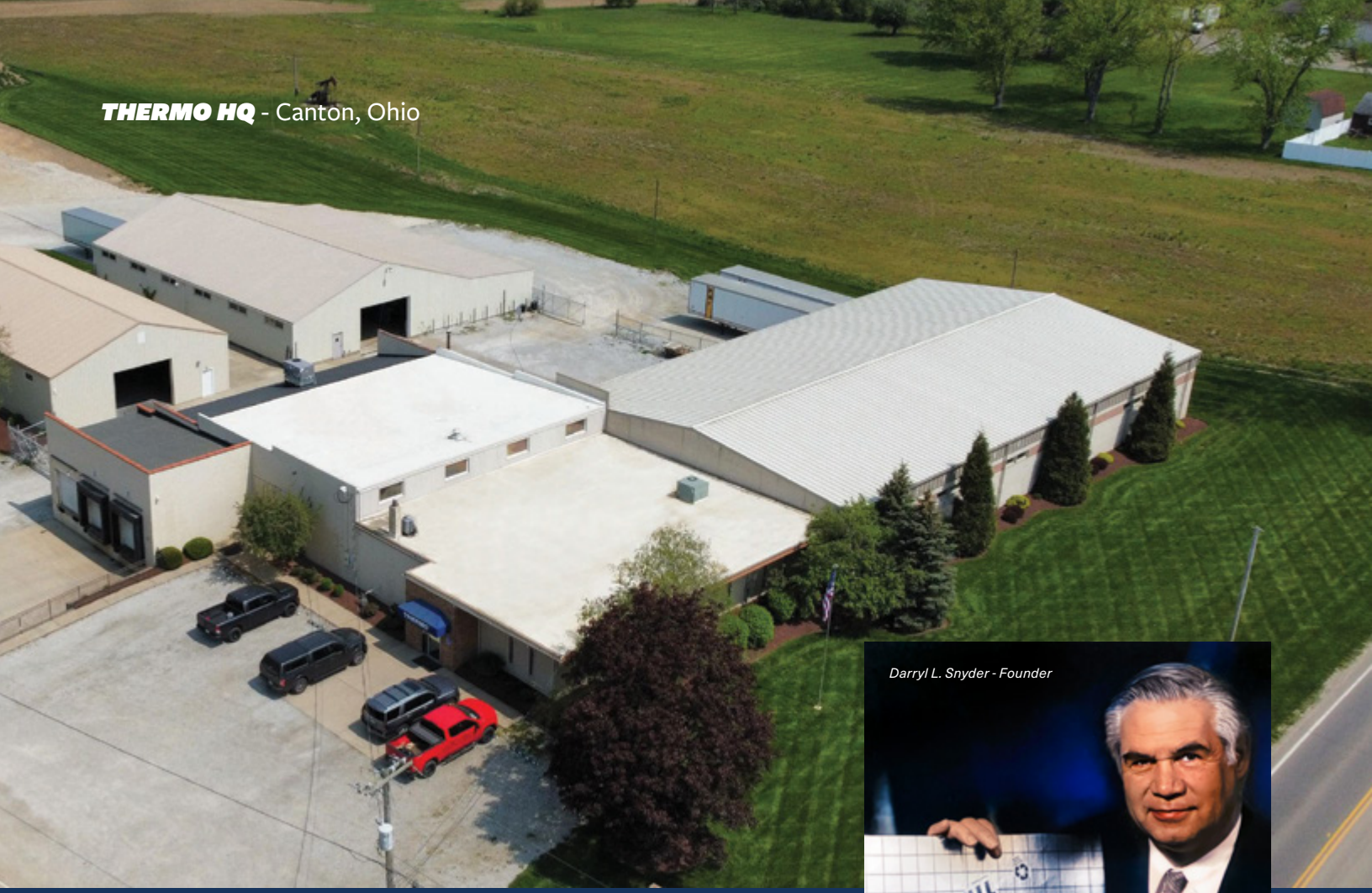
PRODUCT CATALOG



TUFRMO™



THERMO HQ - Canton, Ohio

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.

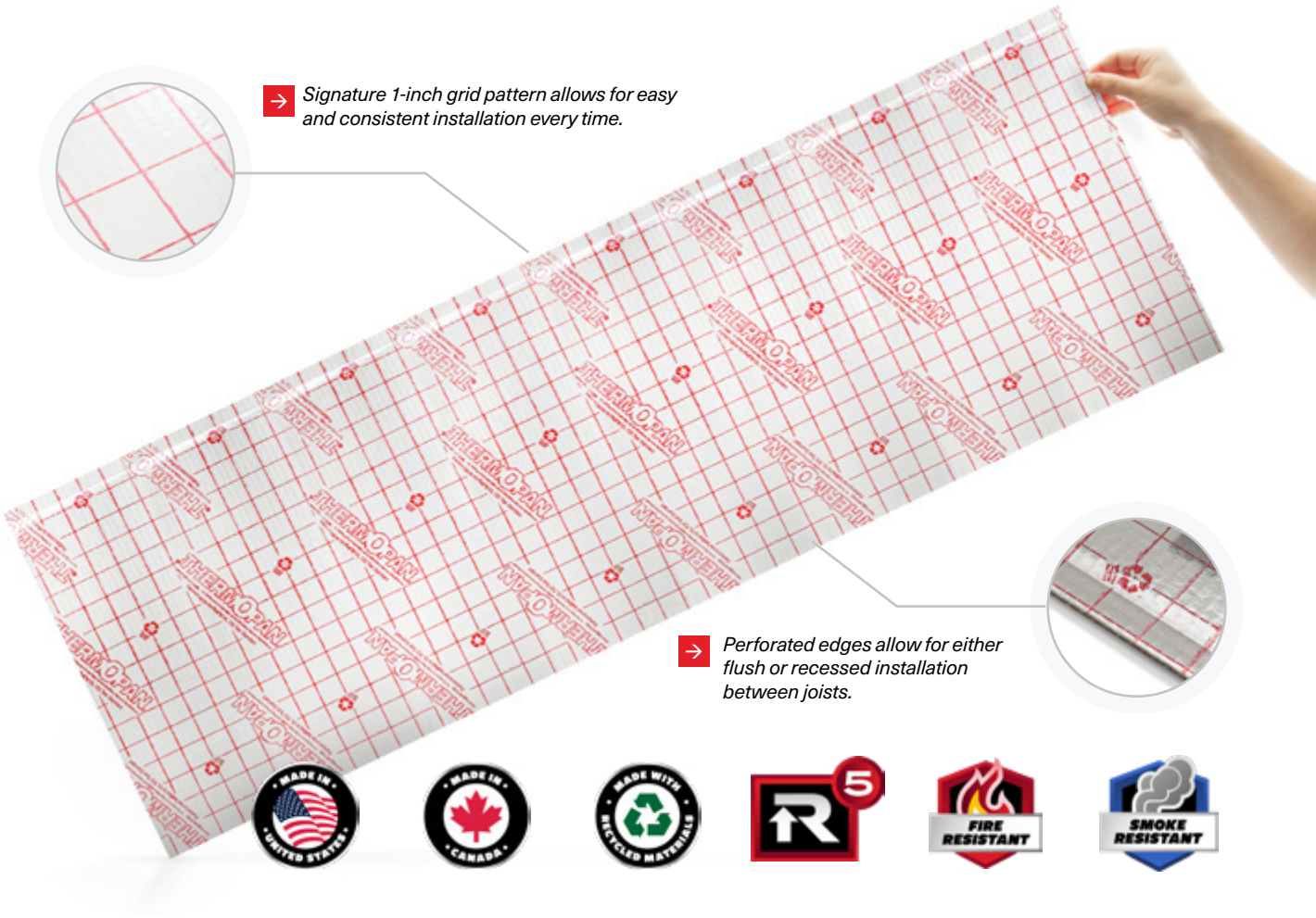








Signature Products



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
- Tape seams with UL181 tape to connect sheets
- Machine cut precision edges
- Dampens duct noise
- Non-combustible
- Made from recycled products
- Manufactured in USA and Canada
- Updated UL 723 & CAN/ULC S102-10 reports available upon request

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

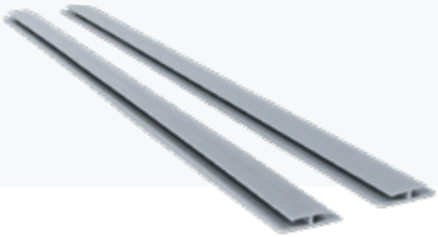
ORDER#	SIZE	QUANTITY
16012R	16in x 12in	125
16016R	16in x 16in	125
16017R (I-Joist)	16in x 17in	125
16019R (I-Joist)	19in x 16in	125

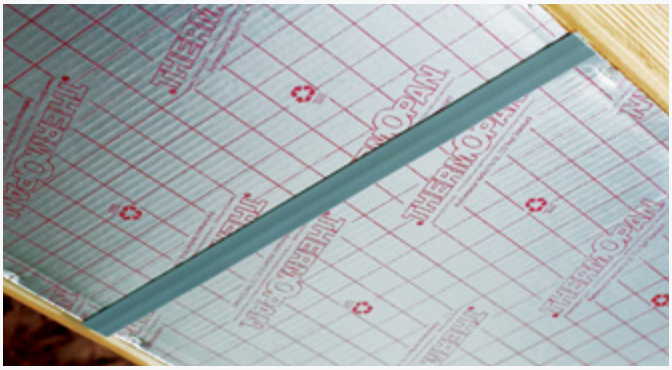
Ultra Fire-Resistant

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	4 Headers	25 Connectors
19049	19.5in x 47.5in	25 Thermopan	— Headers	25 Connectors
22049	22in x 47.5in	25 Thermopan	— Headers	25 Connectors
24049	24in x 47.5in	25 Thermopan	— Headers	25 Connectors
32037	32in x 35.5in	25 Thermopan	— Headers	25 Connectors

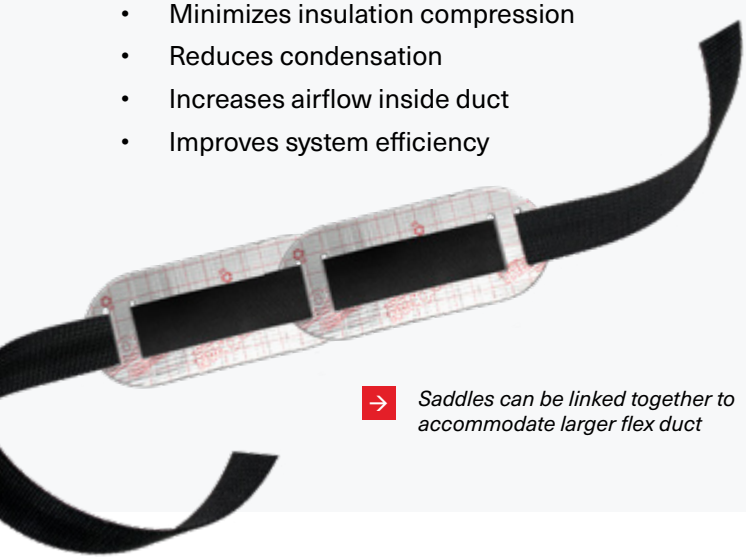


FLEX DUCT SADDLES

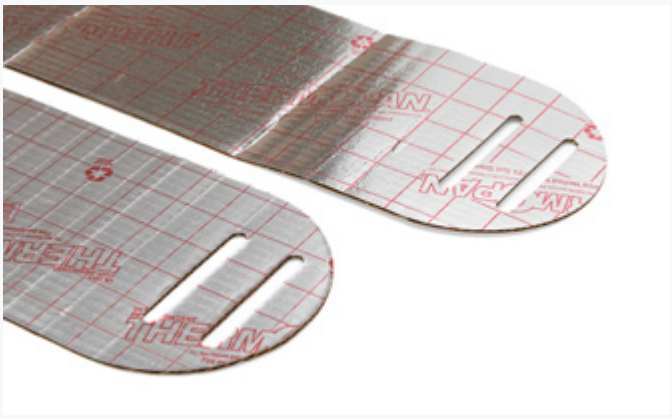
A simple and cost-effective solution to help support insulated flex duct, cut from our signature Thermopan material.

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







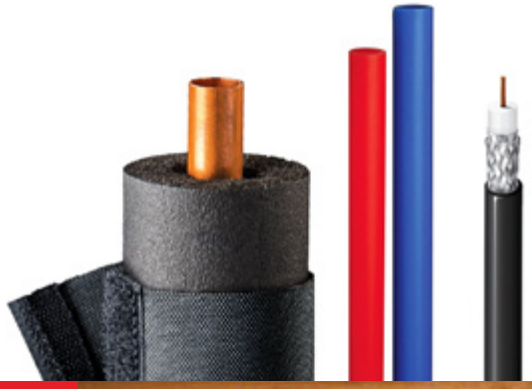


SNAP CLAMPS

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

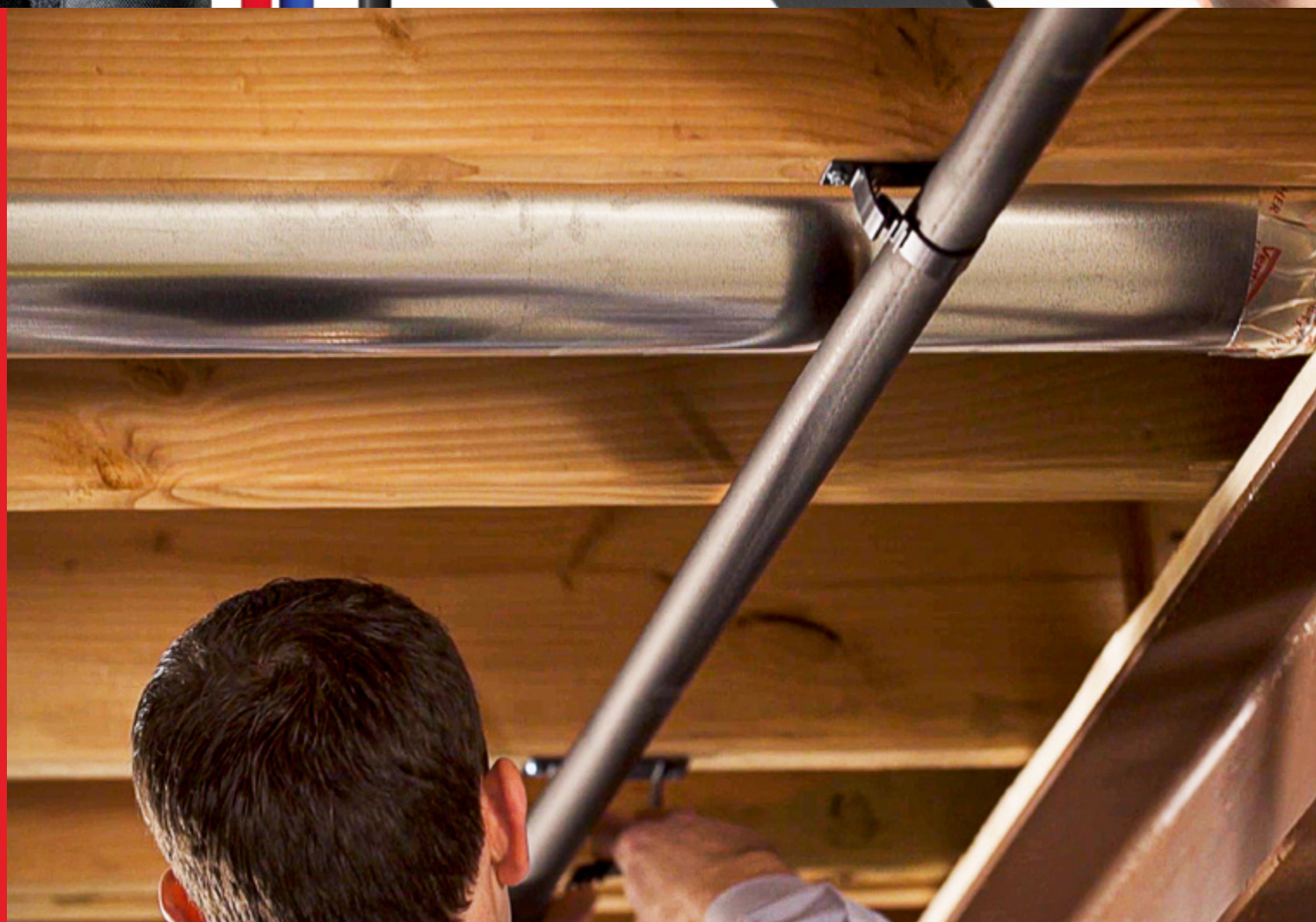
- Works with copper, PVC, PEX, ABS, electrical and more
- Clamps easily re-open for on-the-fly adjustments
- Made from recycled plastics
- Available in five different sizes



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

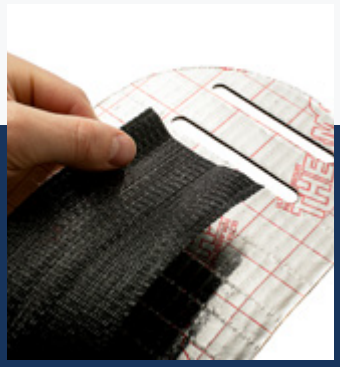


Standard Sizes

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







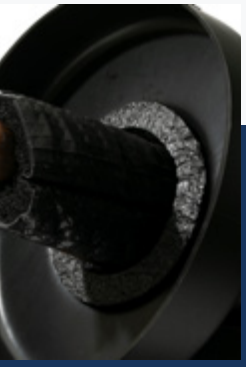


We're changing t game for the mo contractor.

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.

YouTube

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



the dern



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

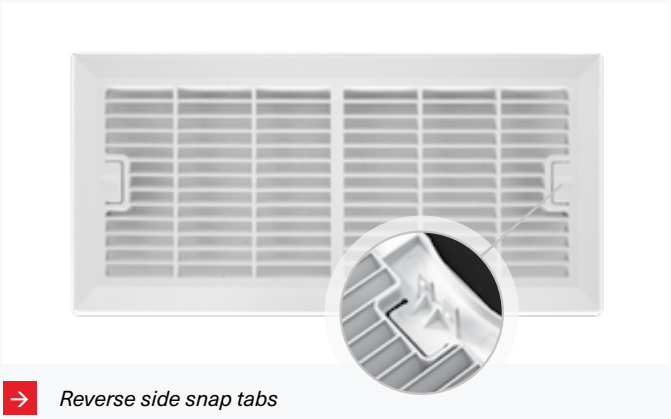
Thermo has been a very consistent manufacturer for our business, the support from the sales staff has been a big part of why we do business with this company. Shipments to our facilities are flawless even when transportation has been struggling to get product to distributors without significant delays 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

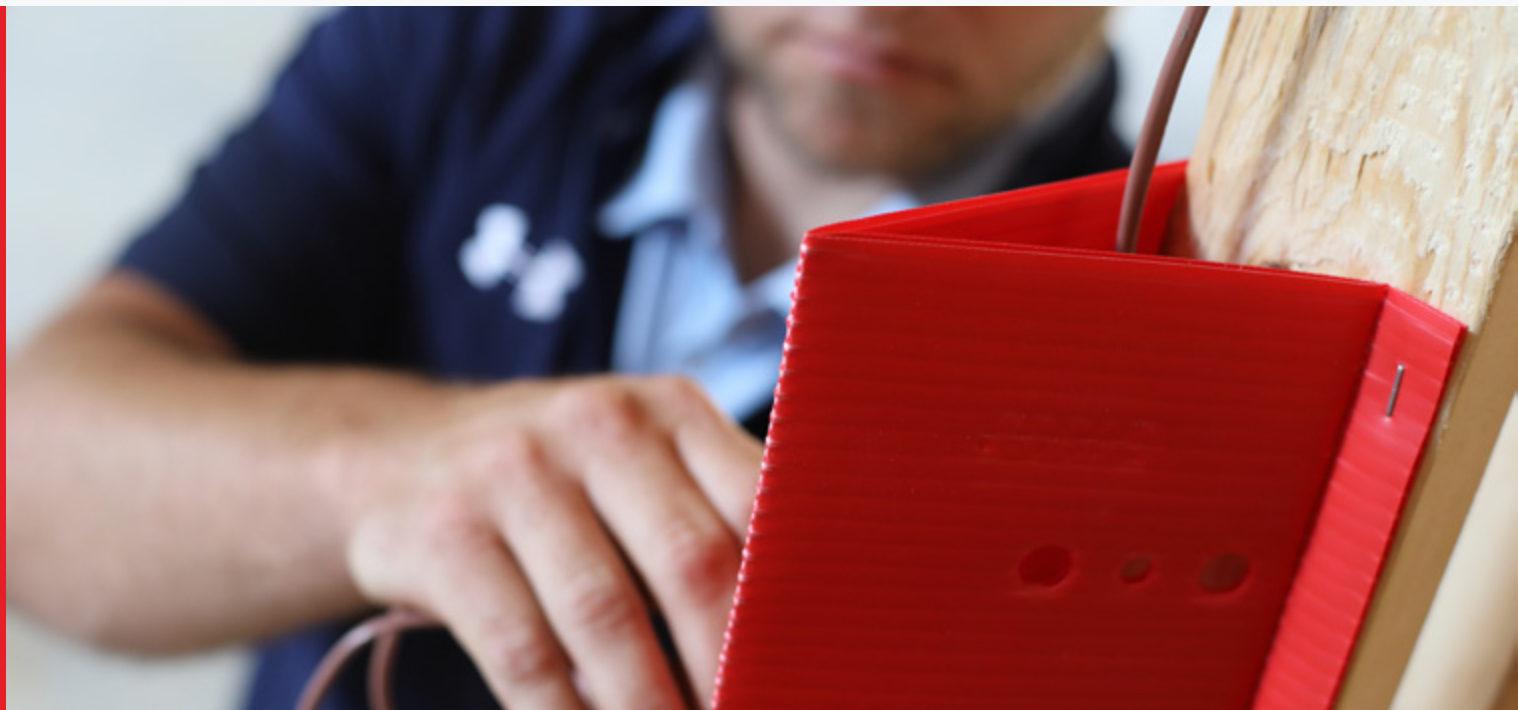


ORDER#	SIZE	QTY
56000	6in x 6in *(assembled)*	100

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 & pests
- Commercial and residential applications



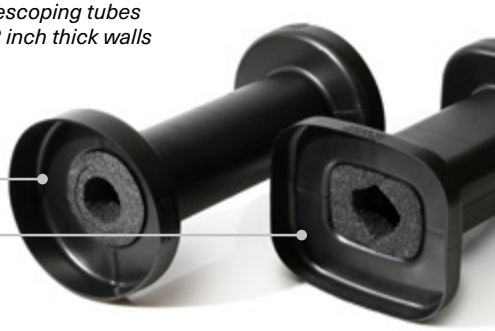
Round (New Construction)

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

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



VIBRATION BLOCKS



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

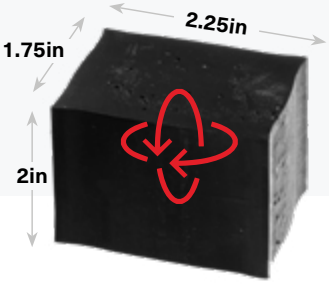
Features

- 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

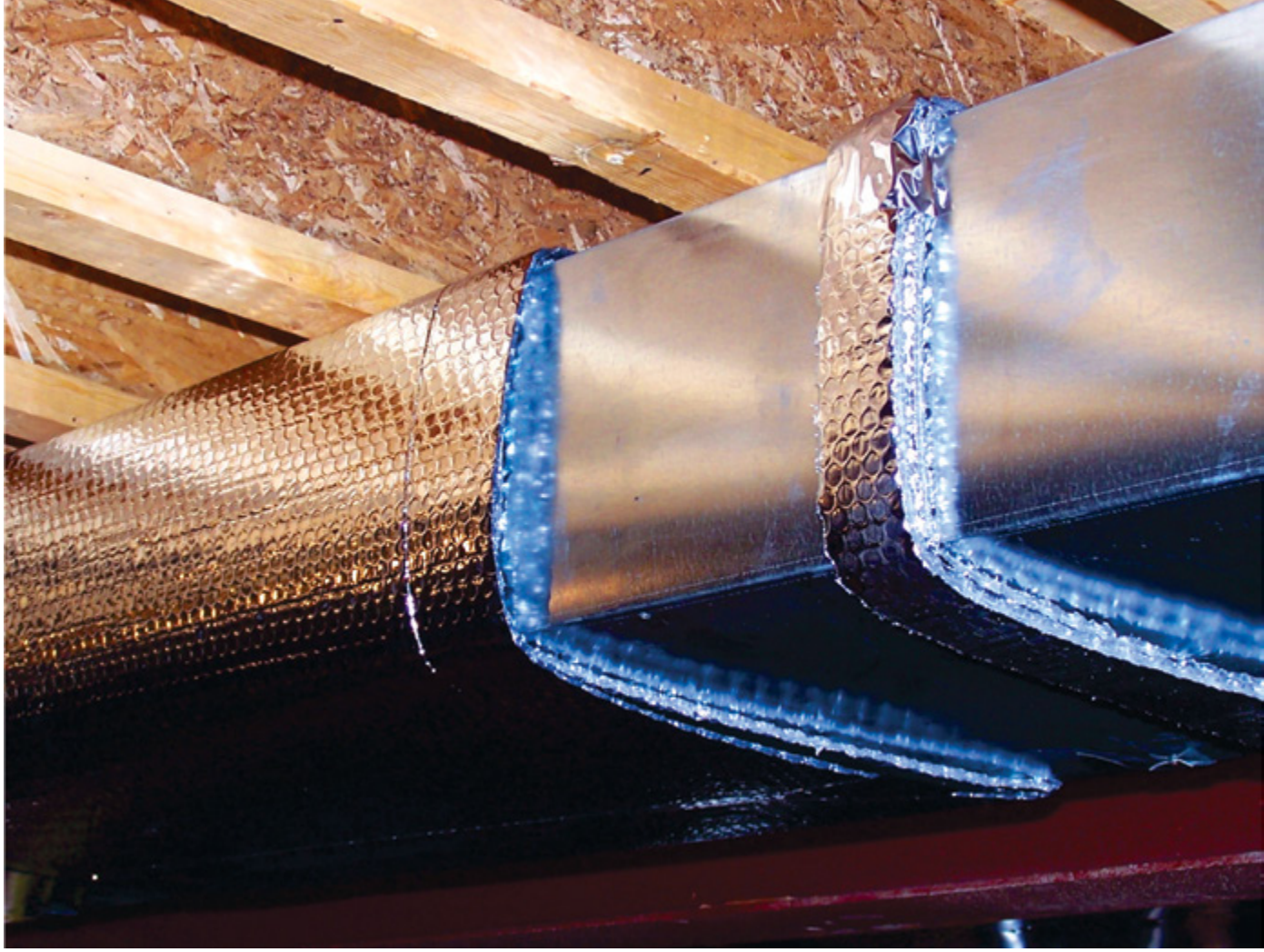


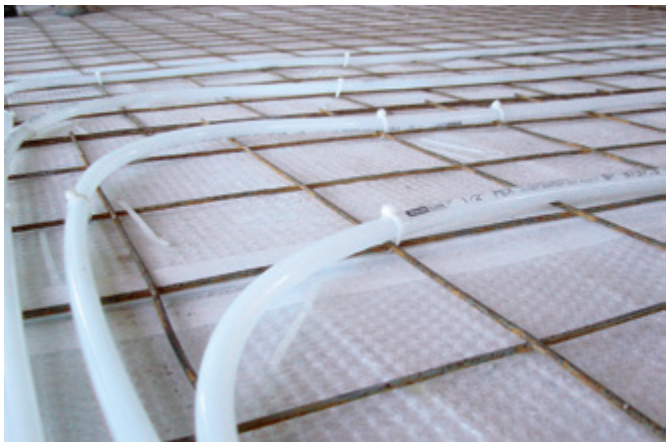
ORDER#	SIZE	QUANTITY
01601	16in (up to 19in)	250

Features

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

Reflective Insulation







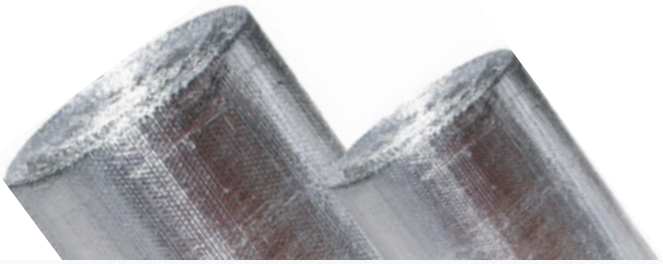


BIG-8 DUCT INSULATION

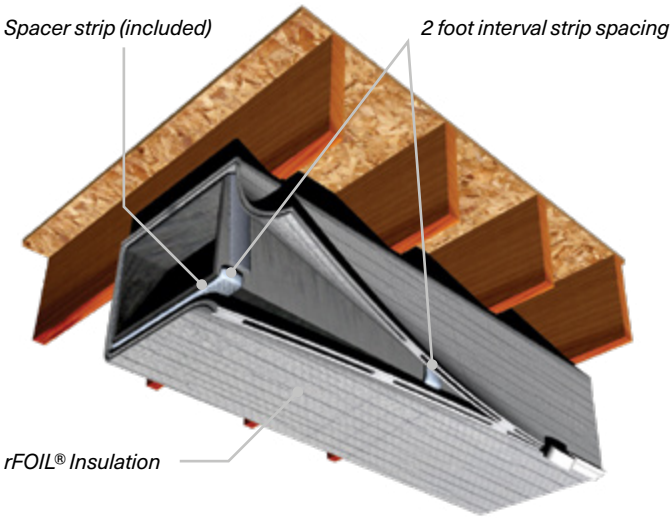
Simplify your insulation job and create an airtight thermal break around ductwork to improve system efficiency as much as 30%.

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
- Must use acrylic-based tape



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



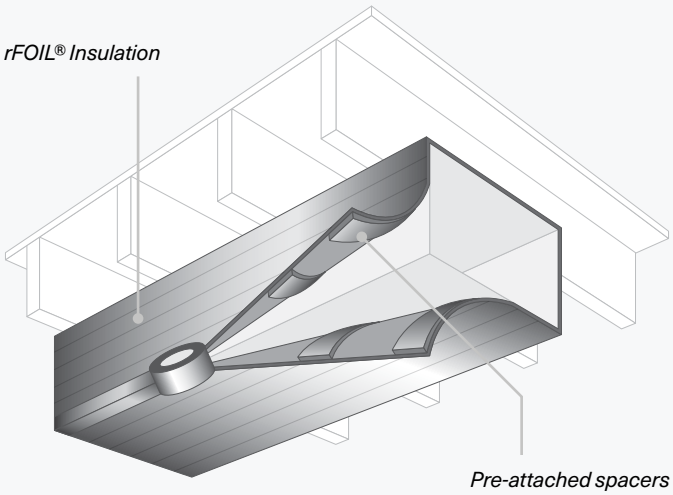
BIG-6 DUCT INSULATION

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 insulati
- 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
- Must use acrylic-based tape

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
- Must use acrylic-based tape

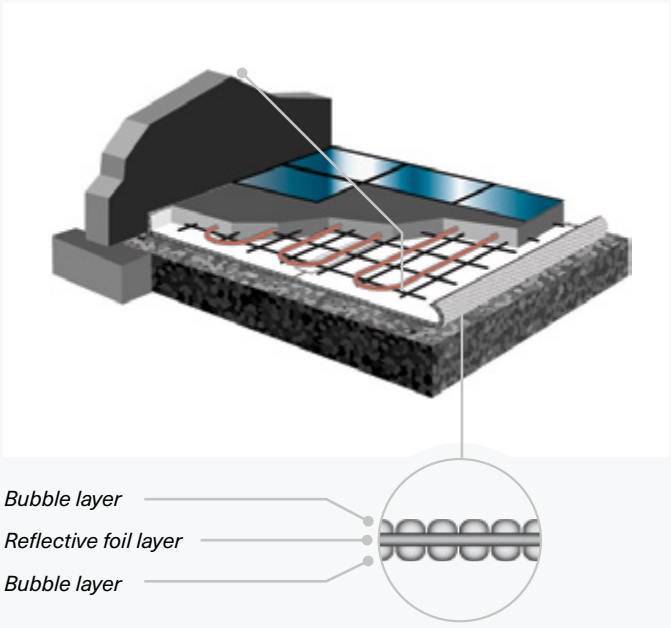
ULTRA CONCRETE BARRIER

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

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

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
- Can be installed easily over any grade
- R-Value = 1.1
- Must use acrylic-based tape

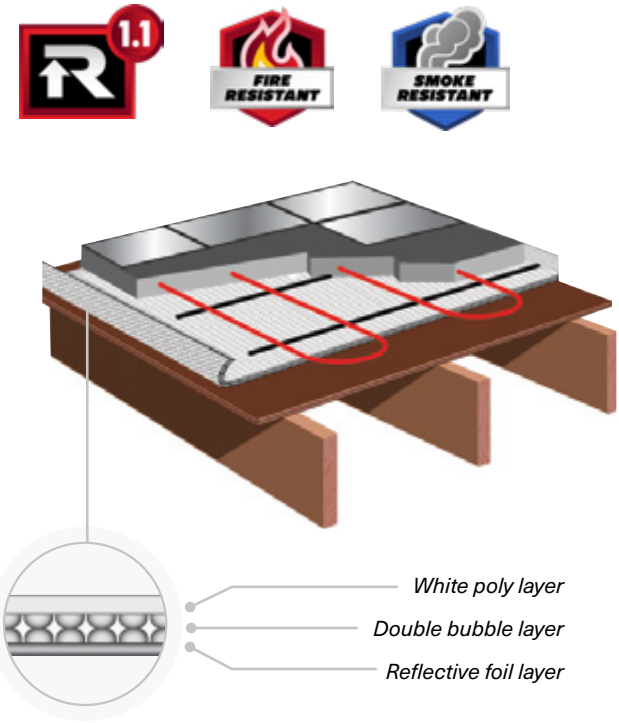


CONCRETE UNDERPAD

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
- Can be installed easily over any grade
- R-Value = 1.1
- Must use acrylic-based tape



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
- Must use acrylic-based tape

RADIANT BARRIER

Features

- Insulation 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
- Must use acrylic-based tape

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 mo
- 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 600ºF
- Watertight bond from -80ºF to 500ºF
- Non-paintable

SPECIALTY SEALANTS



Masonry Crack Filler & Sealer

ORDER#	COLOR	QTY
30507	Grey	12 tubes

Features

- SIKA Brand
- Seals, waterproofs & repairs cracks & mortar joints
- Use on concrete sidewalks, walls, steps & floors
- Dries to color of concrete
- 12 hour cure time
- Can be painted over in one hour



Fire Stop Silicone

ORDER#	COLOR	QTY
81430	Red	12 tubes

Features

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

NOZZLE HEADS



360 degree swivel action for hard to reach places



Twist Nozzle

ORDER#	COLOR	QTY
95112	White	12
95148	White	48

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

Fireblock Foam Sealant

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

Features

- Impedes the spreading of fire and smoke throug 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



THERMO™

Thermo Manufacturing Inc.
Canton, OH 44705

CALL
(888) 678-3709

FAX
(888) 678-8711

TOLL FREE UNITED STATES AND CANADA