THERMO™

MANUFACTURING INC.

THE ORIGINAL MANUFACTURER OF THERMOPAN

THE **THERMO** ADVANTAGE

SAVES LABOR · SAVES TIME · SAVES MONEY · MORE PROFESSIONAL · SAVES

FIRE-RESISTANT AND ULTRA FIRE-RESISTANT

FIRE-RESISTANT
THERMOPAN®

THE RESIDENTIAL PANNING STANDARD FOR NORTH AMERICA!

THERMO-PAN™ is a High Quality "no Noise" Sheet Metal Alternative for Constructing Return Air Ducts

- **No duct noise**
- **Satisfied homeowners**
- **Excellent for open web trusses**
- **Lightweight and easy to install**
- **Will not sustain combustion**
- **Airspace created provides R-Value = 5**
- **No shop fabrication and no cut hands**
- **Four (4) precision pre-cut header sizes available**

Made from Recycled Products :: MADE IN U.S.A. AND CANADA

PRODUCT	ORDER #	SIZE	PC/BOX
FR THERMO-PAN	16048	16"x 47.5"	25
FR THERMO-PAN	19048	19.5"x 47.5"	25
FR THERMO-PAN	22048	22"x 47.5"	25
FR THERMO-PAN	24048	24"x 47.5"	25
FR THERMO-PAN	32036	32"x 35.5"	25
FR THERMO-PAN	32039	39.5"x 32"	25

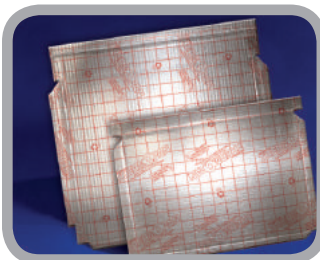| PRODUCT	ORDER #	SIZE	PC/BOX
FR HEADERS-STD.	16012-BOX-75	16"x 12"	75
FR HEADERS-STD.	16012R	16"x 12"	125
FR HEADERS-STD.	16016R	16"x 16"	125
FR HEADERS-I-JOIST	16017R	16"x 17"	125
FR HEADERS-I-JOIST	16017-BOX-75	16"x 17"	75
FR HEADERS-I-JOIST	16019R	19"x 16"	125

ULTRA FIRE-RESISTANT
THERMOPAN®

Performance Tested UL723 Test Standard

Look for these ETL® test values on every piece of Fire-Resistant Thermo-Pan®

FLAME SPREAD INDEX	**15**
SMOKE INDEX	**5**

CLASS 1 FIRE RATING

FLAME SPREAD
15
SMOKE INDEX
5

Made from Recycled Products

MADE IN U.S.A AND CANADA

25 PC/PKG FOR THE CONTRACTOR

PRODUCT	ORDER #	SIZE	PC/BOX
ULTRA FR THERMO-PAN	16050	16"x 47.5"	25
ULTRA FR THERMO-PAN	19050	19.5"x 47.5"	25
ULTRA FR THERMO-PAN	24050	24"x 47.5"	25

PRODUCT	ORDER #	SIZE	PC/BOX
ULTRA FR HEADER	16013-BOX-75	16"x 12"	75
ULTRA FR HEADER	16013	16"x 12"	125
ULTRA FR HEADER	16015	16"x 16"	125
ULTRA FR I-JOIST HEADER	16018-BOX-75	16"x 17"	75
ULTRA FR I-JOIST HEADER	16018	16"x 17"	125
ULTRA FR I-JOIST HEADER	16020	19"x 16"	125

THERMO CONNECTORS
THERMO-PAN PANEL CONNECTORS

- **SAVES TIME**
- **ADD RIGIDITY**

THERMO-CONNECTORS™ are molded polypropylene strips which easily connect THERMO-PAN™ panels.

PRODUCT	ORDER #	SIZE	PC/BOX
PANNING CONNECTORS	16348	16″	500
PANNING CONNECTORS	19348	19.5″	250
PANNING CONNECTORS	22348	22″	250
PANNING CONNECTORS	24348	24″	250
PANNING CONNECTORS	32336	32″	250

THERMO-HVAC

Supply Air Register
FLOOR-FRAME
Patent Pending

WINDOWED
CLEAR FILM ALLOWS NO DIRT OR AIR

Order#	Size	PC/Box
21002	2.25x10	50
21202	2.25x12	50
21402	2.25x14	50
41002	4x10	50
41202	4x12	50
41402	4x14	50

FILTERED
ALLOWS CLEAN AIR FLOW

Order#	Size	PC/Box
21003	2.25x10	50
21203	2.25x12	50
21403	2.25x14	50
41003	4x10	50
41203	4x12	50
41403	4x14	50

WINDOWED & FILTERED

Order#	Size	PC/Box
21004	2.25x10	50
21204	2.25x12	50
21404	2.25x14	50
41004	4x10	50
41204	4x12	50
41404	4x14	50

- **Add quality, safety and professionalism to your job.**
- **Keeps dirt out of system and basement.**
- **Saves labor costs.**
- **"No Step" safety marked.**
- **Easy to seal duct to floor and system.**
- **Makes installation a snap.**
- **Installation instructions on all bags.**
- **Fits all standard boots.**
- **Precision molded black polypropylene.**

STANDARD

Order#	Size	PC/Box
21001	2.25x10	50
21201	2.25x12	50
21401	2.25x14	50

Order#	Size	PC/Box
41001	4x10	50
41201	4x12	50
41401	4x14	50

All sizes are in inches.

THERMO-FRAMES
Patented™

Return Air Grille Wall Frames

Made in USA — MADE IN THE USA

STANDARD
ALLOWS UNFILTERED AIR FLOW

WINDOWED
CLEAR FILM ALLOWS NO DIRT OR AIR

FILTERED
ALLOWS CLEAN AIR FLOW

STANDARD MAKES

Order#	Size	PC/Box
14610	12x6 (2) or 30x6(1)	50
14620	24x6	50
14630	30x6 or 14x6(2)	50
14830	30x8 or 14x8(2)	50

HART & COOLEY

Order#	Size	PC/Box
24610	12x6 (2) or 30x6(1)	50
24620	24x6	50
24630	30x6 or 14x6(2)	50

STANDARD MAKES

Order#	Size	PC/Box
14611	12x6 (2) or 30x6(1)	50
14621	24x6	50
14631	30x6 or 14x6(2)	50
14831	30x8 or 14x8(2)	50

HART & COOLEY

Order#	Size	PC/Box
24611	12x6 (2) or 30x6(1)	50
24621	24x6	50
24631	30x6 or 14x6(2)	50

STANDARD MAKES

Order#	Size	PC/Box
14612	12x6 (2) or 30x6(1)	50
14622	24x6	50
14632	30x6 or 14x6(2)	50
14832	30x8 or 14x8(2)	50

HART & COOLEY

Order#	Size	PC/Box
24612	12x6 (2) or 30x6(1)	50
24622	24x6	50
24632	30x6 or 14x6(2)	50

All sizes are in inches.

7 CUSTOM SIZES
OF PRECISION MOLDED FRAMES
3 CUSTOM STYLES
TO SUIT YOUR NEEDS

SNAP LOCK PIN

REVERSE SIDE

SNAP-GRILLES™
PATENTED

FOR RETURN AIR FRAMES

PRODUCT	ORDER #	SIZE	PC/BOX
SNAP GRILLE	15146	15 7/8" x 7 7/8"	40
FRAME	14630	30" x 6" (OR 2-14"x6")	50

10 PC/PKG FOR THE CONTRACTOR

NO TOOLS OR SCREWS REQUIRED-
SIMPLY SNAP INTO PLACE!

These sturdy precision-molded white ABS grilles are designed for use with standard 1/2" or 5/8" drywall. They snap-fit perfectly into our Thermo-Frames™ — whether used as a single (14"x6") or as a double (30"x6") placed side-by-side.
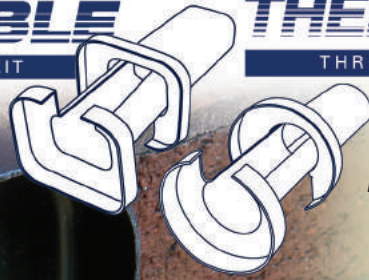
- *Competitively priced*
- *Just depress tabs for easy removal and cleaning. Dishwasher safe.*
- *Save time, labor and money.*
- *Paint to match any decor.*
- *No rusting, no chipped metal to touch up.*
- *Pre-marked for screws if used with other brand frames.*

THERMO RETROFIT-THIMBLE
RETROFIT THROUGH-THE-WALL LINE SET KIT

THERMO-THIMBLE
THROUGH-THE-WALL LINE SET KIT

The professional way to run your A/C line set & wire projects.

ThermoThimble is innovative...

- *Stops line set snagging.*
- *Creates a permanent, air-tight seal through walls.*
- *High-density foam gaskets keep out air, insects & other pests.*
- *No ugly holes to patch.*

Available in ROUND and RECTANGULAR Styles.

Before

After

PRODUCT	ORDER #	SIZE	PC/BOX
RETROFIT-THIMBLE KIT (RD)	44003	2 7/8" Dia. O.D. x 7" Lg.	20
RETROFIT-THIMBLE KIT (RD)	44006	4 7/8" Dia. O.D. x 7" Lg.	16
RETROFIT-THIMBLE KIT (REC)	44009	2 1/4"x 3 1/8" O.D. x 7" Lg.	20

PRODUCT	ORDER #	SIZE	PC/BOX
THIMBLE KIT (Round)	44002	2 7/8" Dia. up to 12" Wall	20
THIMBLE KIT (Round)	44005	4 7/8" Dia. up to 12" Wall	16
THIMBLE KIT (Rectangular)	44008	2 1/4"x 3 1/8" up to 12" Wall	20

THERMOSTAT-RUFF PLATE

Finally, there's a solution to mounting those unprofessional looking thermostat wires. The Thermo-Stat Ruff Plate™ eliminates inaccurate temperature readings and provides an airtight seal around the wires for accurate temperature control. It also provides space for the contractor's logo or business card.

Features...

- *6"x 6" Size fits most all makes & models of thermostats*
- *Residential and commercial application*
- *For wood or metal studs*
- *Provides solid support for sub-base screws*
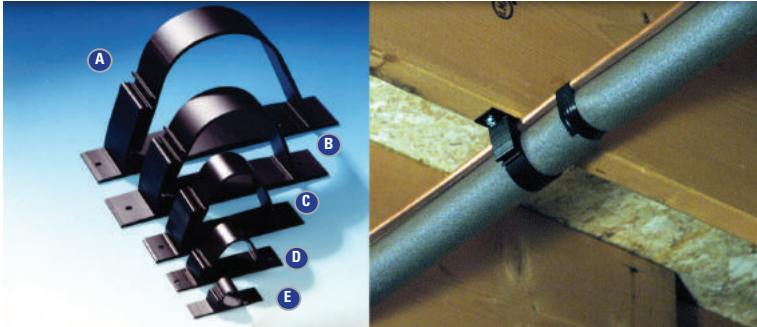- *Keeps wire in middle of stud*
- *Easy right or left hand stud mounting*

PRODUCT	ORDER #	SIZE	PC/BOX
T-STAT RUFF PLATE	56000	6"x 6"	100

EZ Installation Supports and Better-than-Bricks Levelers!

SNAP-CLAMP ®
PATENTED

UNIVERSAL MOUNTING BRACKETS

PRODUCT	ORDER #	SIZE	PC/BOX
SNAP CLAMPS	41050	Micro: 7/16" OD	1000
SNAP CLAMPS	41075	Mini: 1" OD	1000
SNAP CLAMPS	41118	Residential: 1 1/2" OD	500
SNAP CLAMPS	41125	Commercial: 2" OD	250
SNAP CLAMPS	41150	Industrial: 3" OD	250

Give the quality, professional look to your job with just half the labor!

THERMO-SNAP CLAMPS™ are the low-cost solution to all your pipe mounting jobs. Pre-mounted brackets provide an easy one-man installation job that is literally a snap!

Made from Recycled Products

Multi-use adjustable Snap Clamp:

A Industrial
B Commercial
C Residential
D Mini
E Micro

- Multi-use applications including copper, PVC and ABS pipes.
- Five heavy-duty sizes.
- UV protected.
- Maintenance Free - use indoors or out.
- Eliminates vibrations and noise call backs.
- Easy to re-open for an addition or custom adjustment.

THERMO-LEVELERS ™

BETTER THAN BRICKS!

4 PC/PKG FOR THE CONTRACTOR
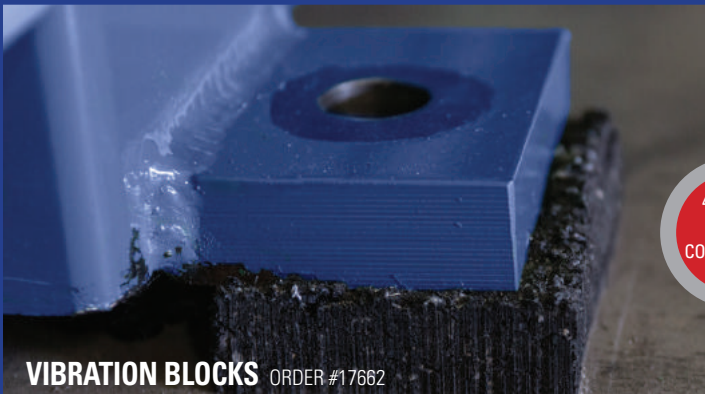
VIBRATION BLOCKS ORDER #17662

- Perfect for commercial or industrial use
- Sawable for a smaller fooprint
- Water & insect resistant
- Takes vibration & noise out of equipment
- Will not conduct cold
- Made from recycled materials
- 25,000 Pound crushing strength

TWIST BLOCKS ORDER #17525

- THERMO-TWIST™ leveler blocks twist to three different heights to level furnaces, electric heaters, air conditioners quickly and easily.
- Lightweight - better than bricks. Tested crushing strength - 5,000 lbs. per block. Water, weather and insect proof. Won't chip, crack, split or rot.

VIBRATION PADS ORDER #19525

- Perfect for residential, commercial and industrial use.
- Shim furnaces and condenser units... vibration-free!
- Made from pure polymer. Softer than THERMO-TWIST™ LEVELER BLOCKS.

PRODUCT	PRODUCT	PRODUCT
LEVELER BLOCKS	VIBRATION BLOCK	VIBRATION PADS
#17525	17662	# 19525
1-3/4"x 2" X 2-1/4"	6"x 6"x 2"	3/4"x 3"x 3"
25 PKS/BOX	12 Blocks/BOX	25 PKS/BOX
20,000 lbs./Pack	25,000 lbs/Block	5000 lbs/Pack

THERMO-BRACKETS

PATENTED

OUR MOST POPULAR PIPE HANGER

25 PC/PKG FOR THE CONTRACTOR

- *Adjusts both horizontally and vertically to meet your needs.*
- *PVC bracket body prevents heat and noise transfer from ducts.*
- *No nails, comes ready-to-use*

PRODUCT	ORDER #	SIZE	PC/BOX
THERMO BRACKET	01600	14.25″	250
THERMO BRACKET (Bulk)	01601	14.25″	250

THERMO-SADDLES ™

HANG ROUND FLEX DUCT IN OPEN CEILINGS

- *Eliminates pinching and compression of insulation, providing greater R-value and increased airflow.*
- *One size fits all – use individually or link together to fit any duct diameter.*

FLEX DUCT SADDLE	10101	6″ to 14″	250

BUTTON-LOK ™

PATENTED

WORLD'S BEST HANGER STRAP

100 FOOT ROLLS

1″ Adjustable Button Holes

2" x 8" Joist

Shank locks to 1" roof nail (button) when pulled down.

Shank locks to #8 x 1" sheet metal screw (button) when pulled down.

7/16" particle board

PRODUCT	ORDER #	SIZE	PC/BOX
BUTTON-LOK	10100	1″x 100′	25
BUTTON-LOK	10125	1″x 25′	20
BUTTON-LOK	10200	2″x 100′	10

THERMOSEALANT

High-Temp RTV Silicone Sealant

Thermo's High-Temp RTV Silicone Sealant is a one part, easy-to-use, non-slumping paste that cures to a silicone rubber when exposed to atmospheric moisture at room temperature. This product is engineered to provide a durable, watertight bond when exposed to continuous temperatures ranging from -80° to 500°F on a continuous basis – while maintaining its integrity at up to 600°F for intermittent time periods. Its unique formulation acts as both a thermal and electrical insulator as well, so it is ideal for sealing around heating elements.

Features...
- Approved in High Temperature Areas
- Non-Sag Red Formula
- Insulates Electrically
- Up to 600 Degrees F
- Insulates Thermally
- Non Paintable

Applications...
- HVAC
- Fireplaces
- Furnace Vent Pipes
- Sealing Around Heating Elements
- Industrial Ovens
- Smoke Stacks
- Engine Parts

PRODUCT	ORDER #	COLOR	TUBES/CASE
HIGH TEMP RTV SILICONE	60003	RED	12

RTV Silicone Sealant

Thermo's RTV Silicone Sealant is a one component, permanently flexible, RTV (Room Temperature Vulcanizing) mildew resistant silicone sealant that is the industry standard. The products tough chemical resistance makes it a worry-free solution for a wide range of applications. It provides excellent adhesion to sheet metal, aluminum, vinyl, glass, tile and cultured marble without the need for a primer. The product is engineered to cure rapidly when exposed to atmospheric moisture, to form a durable tight bond that contractors and installers count on.

Features...
- Weather Resistant
- Excellent Adhesion
- Permanently Flexible
- Easy to Gun, Easy to Tool
- Non-Sag & Slump
- Non Paintable

Applications...
- HVAC
- General Construction
- Kitchen & Bath
- Transportation
- Industrial

PRODUCT	ORDER #	COLOR	TUBES/CASE
THERMO RTV SILICONE	15000	CLEAR	12
THERMO RTV SILICONE	15001	WHITE	12
THERMO RTV SILICONE	15002	BLACK	12
THERMO RTV SILICONE	15004	ALUMINUM	12
THERMO RTV SILICONE	15005	ALMOND	12
THERMO RTV SILICONE	15010	TRANSLUCENT	12
THERMO RTV SILICONE	15012	GREY	12

ThermoMaxBond HS
High Strength Advanced Polymer Sealant

A high strength advanced polymer sealant that can be applied underwater. The product's unique formula offers excellent adhesion to a wide range of industrial materials, including vinyl, sheet metal, pre-painted metals, wood, glass, aluminum, and plastic. It provides a highly weatherable, paintable surface that allows for a reduction in the number of fasteners required. ThermoMaxBond HS has been engineered for a wide range of uses and applications. The product's fast-curing formula contains no solvents, and very low VOCs, so the product is environmentally friendly.

PRODUCT	ORDER #	COLOR	TUBES/CASE
THERMOMAXBOND	95101	WHITE	12

Nuco Silicone Fire Stop and Draft Stop

Fire Stop
- *Intumescent means that it swells when heated to a certain temperature.*
- *GG-266 has passed the new aging tests required for intumescent firestops that are mandatory as of May 2006 under UL1479.*
- *Wouldn't you rather use a product that can handle this aging.*
- *GG-266 will fill 3 penetrations as opposed to 1 collar per penetration*
- *Caulk & Walk = no additional work required*

Draft Stop
NuFlex 136 has been tested and meets the American Society for Testing Materials ASTM E-136
- *Red in color*
- *Excellent adhesion to wood substrates*
- *Will not become brittle or breakdown over time*

PRODUCT	ORDER #	COLOR	TUBES/CASE
GG266 INTUMESCENT FIRESTOP	81430	RED	12
NUFLEX 136 DRAFT STOP	81136	ORANGE/RED	12

Twist Nozzle and Rika Nozzle

RIKA SWIVEL 360° NOZZLES FOR SILICONE CARTRIDGE TUBE with cap

The fantastic patented swivel nozzle is great for all those hard to get to places. Can be a real time saver. Will fit all standard silicone / caulk cartridges

PRODUCT	ORDER #	COLOR	ITEMS/CASE
TWIST NOZZLE W/CAP	95112	WHITE	12
TWIST NOZZLE W/CAP	95148	WHITE	48
RIKA NOZZLE 360°	36012	WHITE/RED CAP	12
RIKA NOZZLE 360°	36048	WHITE/RED CAP	48

THERMOFOAM

Fireblock Foam Sealant
MULTIPURPOSE LOW PRESSURE ONE-COMPONENT FIREBLOCK POLYURETHANE FOAM SEALANT

Thermofoam Fireblock Sealant is a low pressure, one-component, polyurethane foam sealant specifically designed and colored orange to seal annular spaces around ducts, plumbing penetrations, cables, and other penetrations between rooms and floors. A critical advantage of Thermofoam Fireblock Sealant is its ease of use and its effectiveness at blocking smoke and toxic gases. The foam sealant stops air infiltration by blocking air from entering/escaping through gaps which prevent the flames, smoke, and gases from spreading. The product is for use in Type V residential construction. Fireblock Sealants are not intended for use in hourly-rated assemblies.

Product Uses...
- Sealing Duct Penetrations
- Sealing Plumbing Penetrations
- Type V Residential Fire Blocking
- Sealing Electrical Outlets
- Sealing Electrical Openings
- Sealing Through Stud Penetrations
- Sealing Baseplates
- Sealing Insulation Board Joints

PRODUCT	ORDER #	DESCRIPTION	TUBES/CASE
THERMOFOAM	30033	12 oz. Fireblock Straw Foam	12
THERMOFOAM	30192	24 oz. Fireblock Straw Foam	12
THERMOFOAM	30181	24 oz. Fireblock Gun Foam	12

Low Pressure Polyurethane Foam Sealant

Thermofoam is a low pressure, one-component polyurethane foam sealant that is a moisture-cured, multipurpose sealant designed to seal and fill small cracks and voids, creating a tight barrier against noise, moisture and air infiltration.

Compared to standard cartridge type sealants, Thermofoam polyurethane foam sealants have excellent adhesion and expansion characteristics ensuring a complete and permanent air tight seal. Polyurethane foam sealants result in less waste on small jobs while having an economic impact on large jobs.

Product Uses...
- Sealing around HVAC Vents and Pipes
- Sealing Though-the-Wall Penetrations
- Sealing Insulation Board Joints
- Sealing Electrical Outlets
- Sealing Electrical Openings
- Sealing Plumbing Penetrations
- Sealing Through Stud Penetrations
- Sealing Baseplates
- Sealing Can Lights
- Air Sealing Attic

PRODUCT	ORDER #	DESCRIPTION	TUBES/CASE
THERMOFOAM	30002	12 oz. Standard Straw Foam	12
THERMOFOAM	30107	24 oz. Standard Straw Foam	12
THERMOFOAM	30115	24 oz. Standard Gun Foam	12

Adhesive Tapes
Metalized Poly Tape, White Poly Tape and All Purpose Duct Tape

PRODUCT	ORDER #	SIZE	COLOR	ROLLS/BOX
ACRYLIC BASED ADHESIVE	16448	2"x 164'	WHITE	36
ACRYLIC BASED ADHESIVE	16472	3"x 164'	WHITE	24
ACRYLIC BASED ADHESIVE	17948	2"x 179'	METALIZED FOIL	36
ACRYLIC BASED ADHESIVE	17972	3"x 179'	METALIZED FOIL	24
UL181	25181	2.5"x 180'	ALUMINUM FOIL	16
STANDARD DUCT TAPE	17920	2"x 179'	GREY	24

Premium Metalized BOPP Splicing and Repair Tape
Acrylic pressure-sensitive adhesive combined with conformability of biaxially-oriented polypropylene (BOPP) film provides superior sealing, protection benefits and ease of handling. HVAC (Heating, Ventilation and Air Conditioning) applications, relfective insulation, seaming & splicing.

UL181 Foil Tape
Uses include general purpose seaming, patching and sealing of rigid fiber air duct and connector closure systems to enhance appearance and maintain vapor barrier integrity.

ALL Purpose Duct Tape
Uses include HVAC ducts and pipes, packaging, wrapping and sealing, binding and bundling, exterminators, book repair, weather proofing, and general maintenance.

THERMO REFLECT

PAT. PEND.
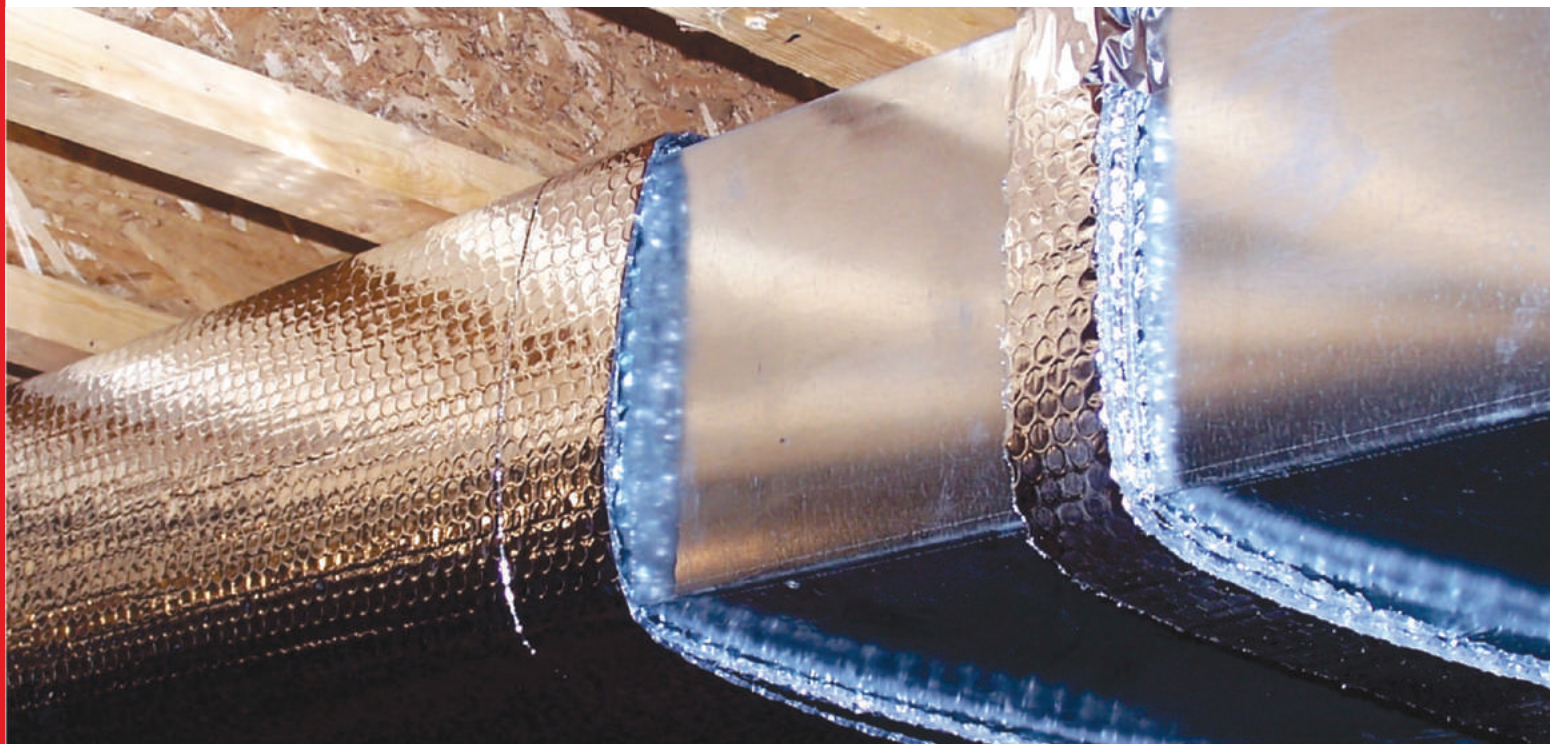
THE NEXT GENERATION OF REFLECTIVE INSULATION.

This product has an inspector-friendly code certification strip on the product which identifies brand name and testing information... which means no hassles at the job site.

- *97% reflectivity*
- *Easy to install - Fiber free and environmentally friendly*
- *Impervious to mold, insects, and rodents*
- *Helps reduce heat loss through your duct surfaces*
- *Raises your cooling and heating efficiency*
- *Helps ensure better climate control and comfort*
- *R-6 with air-space, R-4.3 without air-space*
- *ASTM E84-Class 1/Class A fire rating approved*
- *ASTM C411-Passed*

DUCT INSULATION

ITEM #	DESCRIPTION	SIZE	SQ. FT.
T12290-24-050	Reflective-Double Bubble-Reflective	24"x 50'	100
T12290-36-050	Reflective-Double Bubble-Reflective	36"x 50'	150
T12290-48-050	Reflective-Double Bubble-Reflective	48"x 50'	200
T12290-48-100	Reflective-Double Bubble-Reflective	48"x 100'	400
T12290-48-125	Reflective-Double Bubble-Reflective	48"x 125'	500
T12290-60-100	Reflective-Double Bubble-Reflective	60"x 100'	500
T12290-60-125	Reflective-Double Bubble-Reflective	60"x 125'	625

rFOIL BIG 6™
Reflective Bubble Duct Insulation

When Building Codes Require an R-6 Duct Insulation
(Spacer strips pre-attached to material)

When installed correctly these Thermo Reflect products can add a **R-6** to the insulation value of a duct system. With the recent concerns about fiberglass, now is the ideal time for many contractors to make the switch to **BIG 6** and other Reflect Products.

- Meets R6 insulation code requirements
- Minimal space requirements
- Inhibits condensation, mold and fungi growth
- Approved vapor barrier protection
- Quick, safe & easy to install

Class 1 Class A
Fire Rating
ASTM E84-09
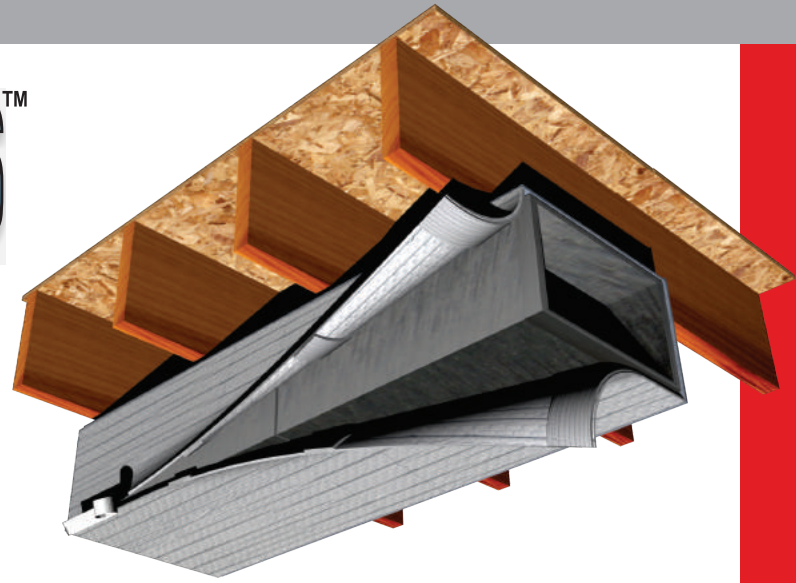
ITEM #	DESCRIPTION	SIZE	SQ. FT.
T12260-48-075	Reflective Bubble / Spacer	48"x 75'	300

rFOIL BIG 8™
Reflective Bubble Duct Insulation

When Building Codes Require an R-8 Duct Insulation

When installed correctly these Thermo Reflect products can add a **R-8** to the insulation value of a duct system. With the recent concerns about fiberglass, now is the ideal time for many contractors to make the switch to **BIG 8** and other Reflect Products.

- Meets Class 1 /Class A fire rating approval
- Minimal space requirements
- Inhibits condensation, mold and fungi growth
- Approved vapor barrier protection
- Quick, safe & easy to install

FLAME SPREAD
10
SMOKE INDEX
10

Performance Tested
UL723 Test Standard

ITEM #	DESCRIPTION	SIZE	SQ. FT.
2280-48-050	Foil-Bubble-Foil / Spacer	48"x 50'	200
2280-48-075	Foil-Bubble-Foil / Spacer	48"x 75'	300

R-8 with Air-Space
R-6 without Air-Space

Reflective duct insulation products make duct systems more energy efficient by 10 - 30%. This increases the overall comfort of a residence and results in significant savings to the homeowner.

R-6
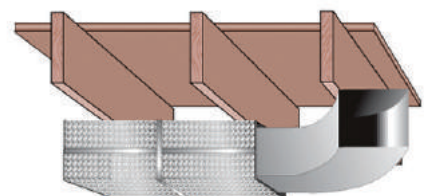
ULTRA CONCRETE BARRIER FOIL (CBF)

Ultra CONCRETE BARRIER FOIL™ (CBF) is a layer of pure aluminum Foil sealed on both sides by industrial-strength polyethylene bubbles. This patented design protects the aluminum from lime in curing concrete, which deteriorates foil on contact.

Can be easily installed over rough grade while significantly reducing slab heat loss.
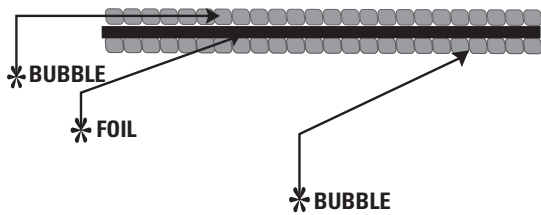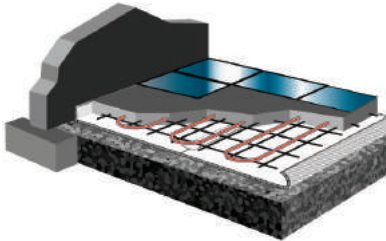

BUBBLE
FOIL
BUBBLE

ITEM #	DESCRIPTION	SIZE	SQ. FT.
T11620-16-125	Bubble-Foil-Bubble	16"x 125'	167
T11620-48-125	Bubble-Foil-Bubble	48"x 125'	500

ULTRA POLY BARRIER

ITEM #	DESCRIPTION	SIZE	SQ. FT.
T11320-48-125	Ultra Foil-Double Bubble-Poly	48"x 125'	500
T14320-48-125	Foil-Double Bubble-Poly	48"x 125'	500

Poly Barrier is a double layer of polyethylene bubbles bonded to a layer of 99% pure aluminum foil on one side, and a layer of white polyethylene on the other side. Both Ultra and Standard grade products are approved vapor barriers. The Ultra grade offers a superior product thickness of 10 mil (versus 7 mil). Both Poly Barriers improve slab heat loss efficiency by 50%, directing heat up toward the living space.
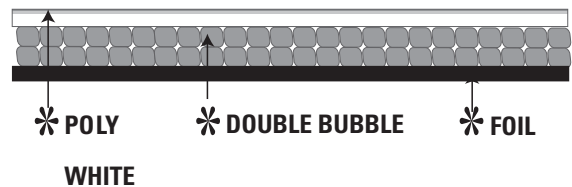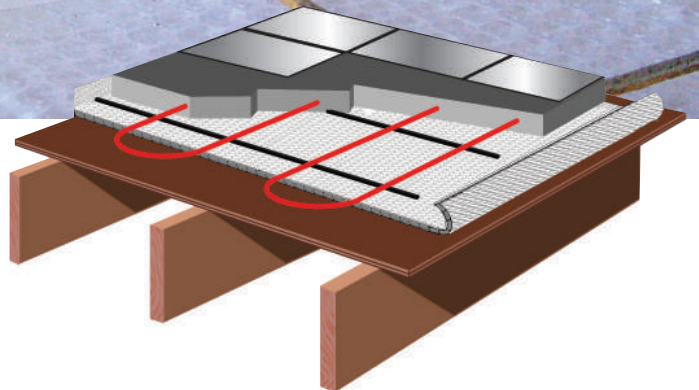
**POLY** **DOUBLE BUBBLE** **FOIL**
WHITE

NT RADIANT BARRIER FOR ATTICS

THERMO REFLECT ATTIC NT - reflects 97% of radiant heat transfer, protects the installed R-Value of attic insulation by controlling moisture and adds an additional R-5.4 to existing insulation. REDUCES ENERGY CONSUMPTION - because THERMO REFLECT ATTIC NT is made of highly reflective metallized aluminum, it creates a low-emissivity (low-e) surface to help reduce heat gain in the summer and heat loss in the winter.

CHANNELS MOISTURE VAPOR AND ALLOWS FOR BREATHABILITY - when vapor enters the attic from the living space, THERMO REFLECT ATTIC NT helps diffuse the vapor through its breathable membrane.

ITEM #	DESCRIPTION	SIZE	SQ. FT.
T14800-48-125S	Reflective-No-Tear Solid	48"x 125'	500
T14800-48-125P	Reflective-No-Tear Perforated	48"x 125'	500
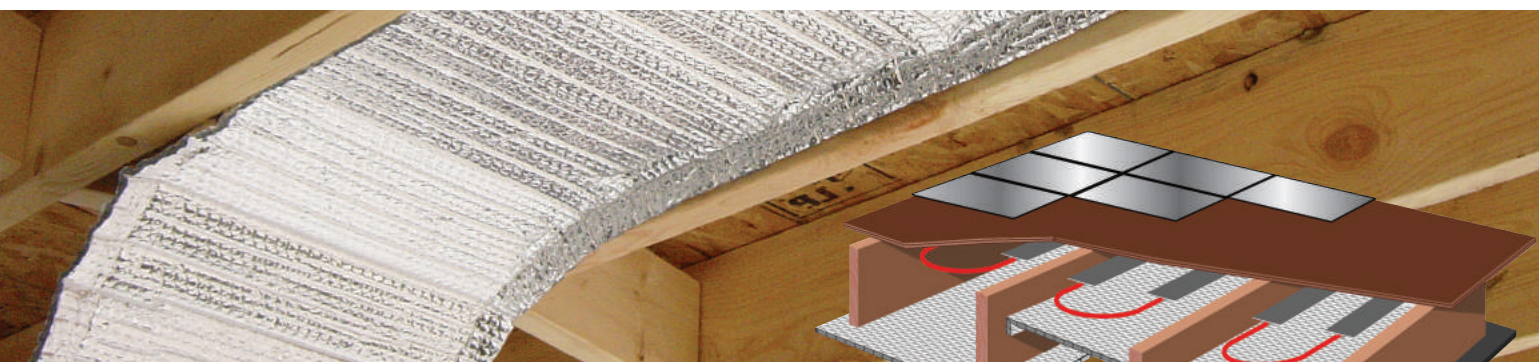
BETWEEN JOIST INSULATION

ITEM #	DESCRIPTION	SIZE	SQ. FT.
T12222-12-125	Reflective-Double Bubble-Reflective	12"x 125'	125
T12222-16-125	Reflective-Double Bubble-Reflective	16"x 125'	167
T12222-18-125	Reflective-Double Bubble-Reflective	18"x 125'	187.5
T12222-24-125	Reflective-Double Bubble-Reflective	24"x 125'	250
T12222-16-075	Reflective-Double Bubble-Reflective	16"x 75'	100
T12222-24-075	Reflective-Double Bubble-Reflective	24"x 75'	150

When tubing is attached to the underside of the sub-floor, this is known as a below-deck or joist-space dry system. These systems don't affect floor height nor do they disrupt existing floor coverings, making them ideal for retrofit projects.

✳ **3/4 TAB**   ✳ **REFLECTIVE**   ✳ **DOUBLE BUBBLE**   ✳ **REFLECTIVE**
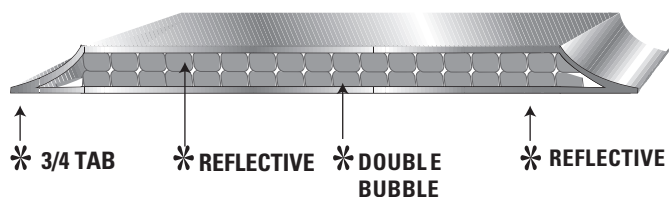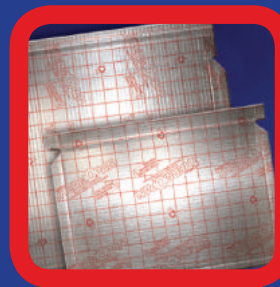
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