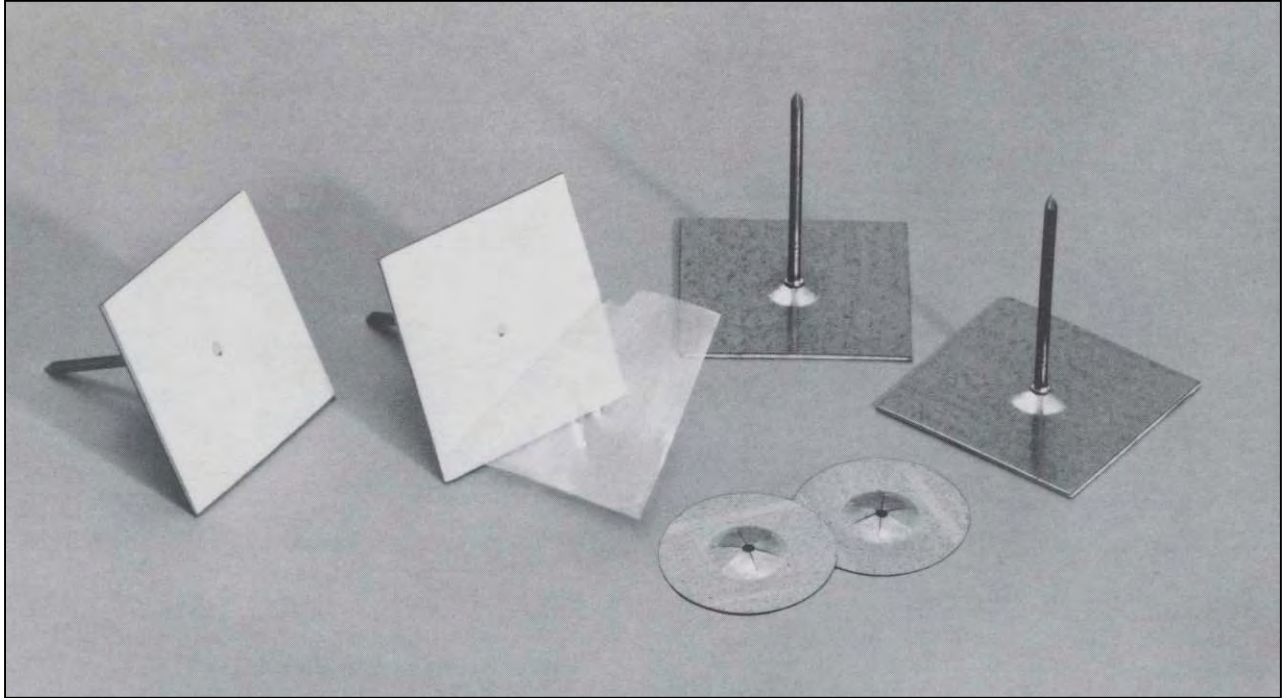




SELF-STICK INSUL-ANCHORS



INSTANT ANCHOR PLACEMENT

SUNBELT Self-Stick Insul-Anchors simplify the permanent installation of insulation to non-porous construction surfaces and non-weldable materials. They can be applied quickly and easily, simply peel off the release backing, press in place, and then hang the insulation. There are no messy adhesives, or time-delay for adhesive curing.

SUNBELT Self-Stick Insul Anchors are available with a 2" x 2" solid plate and 12 Ga. Spindle of varying lengths to meet your requirements. The spindles on short anchors are softened for ease of clipping or bending.

To complete the insulation fastening operation, **SUNBELT** Self-Stick Insul-Anchors are used in conjunction with **SUNBELT** Self-Locking Washers.

For more information concerning the application of **SUNBELT** Self-Stick Insul-Anchors, see the reverse side of this page (4-2) and also the page titled Guidelines for Self-Stick Insul-Anchors (4-3). For more information concerning self-locking washers, refer to the Washers, Caps and Nuts section of this catalog.

www.sunbeltstudwelding.com

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1-800-462-9353
713-939-8903
fax 713-939-9013

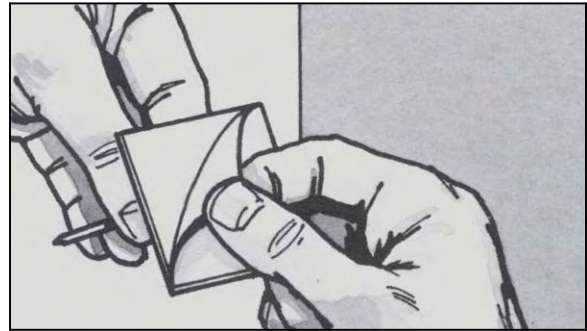


APPLICATION OF SELF-STICK INSUL-ANCHORS



1. WIPE SURFACE CLEAN

Anchor must be applied to a clean, dry and non-porous surface.



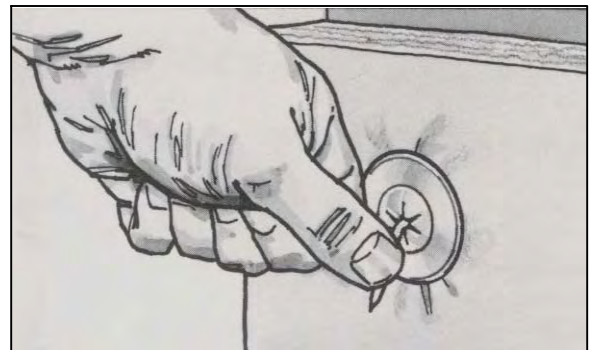
2. PEEL OFF RELEASE BACKING.

Double faced foam tape is 1/32 inch thick, with a 1-year active shelf life.



3. STICK ANCHOR IN PLACE.

Select location before contact with surface. Press firmly.



4. HANG INSULATION AND SECURE WITH WASHER.

Recommended loading 3 lbs. Per anchor.
(.75 lbs/sq. inch maximum)

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GUIDELINES FOR SELF-STICK INSUL-ANCHORS

1. MUST BE APPLIED TO A CLEAN, NON-POROUS SURFACE, THAT IS FREE OF ALL OIL, FILM, DUST, RUST, ETC.
2. NOT RECOMMENDED ON PAINTED SURFACES OR CEILINGS OF METAL BUILDINGS.
3. BEST RESULTS ARE OBTAINED WHEN AMBIENT TEMPERATURE IS ABOVE 40° F. AT TIME OF APPLICATION.
4. TEMPERATURE RANGE FOR THE FOAM TAPE IS FROM -20° TO + 180° F.
5. LOADING SHOULD NOT EXCEED 3 LBS. PER ANCHOR. (.75LB./SQ. INCH)
6. MUST BE APPLIED WITH FIRM (20 POUNDS) PRESSURE ALL AROUND BASE. DO NOT TWIST DURING APPLICATION. DO NOT REMOVE RELEASE (BACKING) PAPER UNTIL READY TO USE.
7. INSULATION MAY BE APPLIED 1/2 HOUR AFTER BOND IS MADE.
8. NOT RECOMMENDED FOR USE ON SINGLE SKIN ROOFDECKS.

IMPORTANT NOTICE TO PURCHASER

- All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied.
- Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage direct or consequential, arising out of the use of or the inability to use the product.
- Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.
- No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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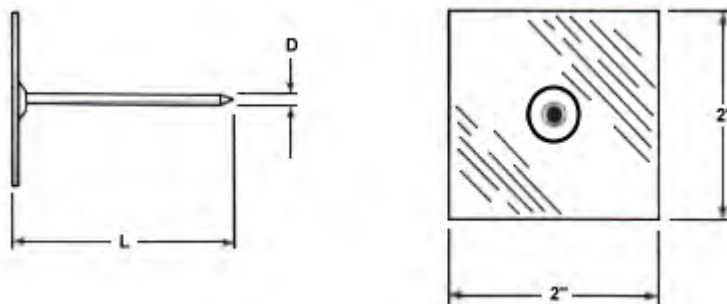
**1-800-462-9353
713-939-8903
fax 713-939-9013**



SELF - STICK

To order or specify give:

Product Code: **IA SS** Length: **L** Size: **12 GA** Material: (if other than standard)



SIZE	D	12 GA (.105") is standard. Other sizes available by special order only.
LENGTH	L	1", 1-5/8", 2", 2-1/2", 3-1/2", 4-1/2", 5-1/2", 6-1/2", 8" and 9" are standard. Other lengths are available by special order.

	PLATE	PIN
MATERIAL	LOW CARBON STEEL	LOW CARBON STEEL
PLATING	Galvanized is standard	Galvanized coating is standard

OTHER MATERIALS	Also available by special order in all Stainless Steel or all Aluminum.
------------------------	---

NOTE: Aluminum pins are provided on shorter length Insul-Anchors for ease of bending

WASHERS	Self-locking washers are available in a variety of sizes, shapes and materials.
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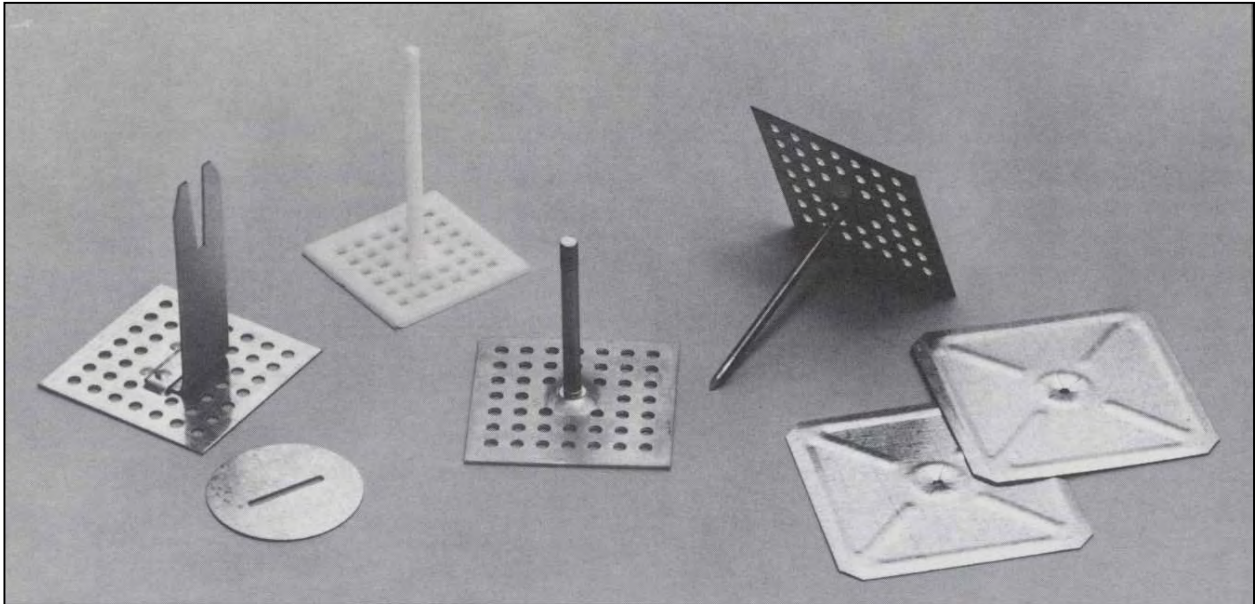
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SPINDLE, PRONG & NYLON INSUL-ANCHORS



SUNBELT Spindle, Prong and Nylon Insul-Anchors simplify the permanent installation of insulation to porous construction surfaces and non-weldable materials. They can be applied quickly and easily using only a putty knife or caulking gun and **SUNBELT** General Purpose Adhesive.

SUNBELT General Purpose Adhesive is available in quart or gallon cans. The coverage is approximately 800 to 1,000 standard anchors with 2" x 2" plates per gallon. For more information see the [Adhesives](#) section of this catalog.

To complete the insulation fastening operation, **SUNBELT** Spindle and Nylon Insul-Anchors are used in conjunction with **SUNBELT** Self-Locking washers (see [Washers, Caps and Nuts](#) section). The spindles on short anchors are softened for ease of clipping or bending. The **SUNBELT** Prong Insul-anchors are used in conjunction with the **SUNBELT** Prong Washer.

SUNBELT Spindle Insul-Anchors are also available with a curved plate for attaching to corrugated panels. See the reverse side of this page for more information regarding the application of Insul-Anchors.

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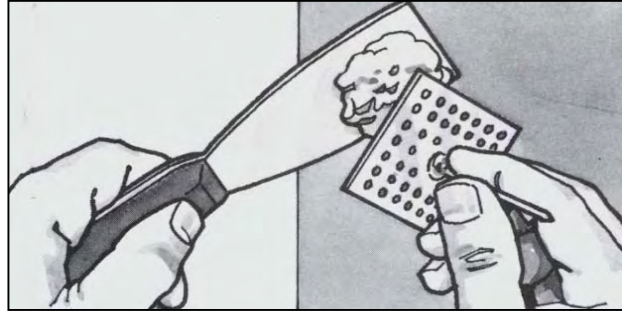


APPLICATION OF SPINDLE, PRONG & NYLON INSUL- ANCHORS



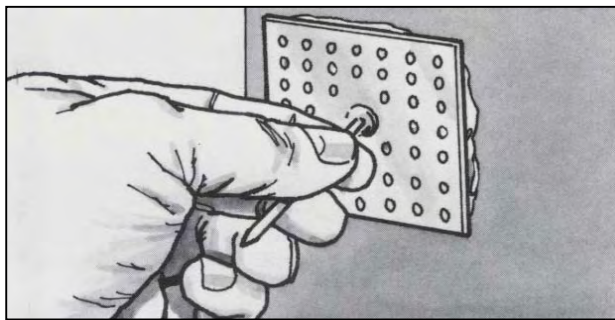
1. WIPE SURFACE CLEAN.

Anchor must be applied to a clean, dry, non-painted surface.



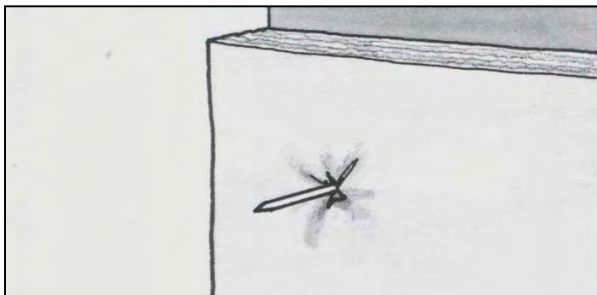
2. APPLY ADHESIVE TO ANCHOR

Spread a daub of General Purpose Adhesive IHA-170 onto the perforated base with putty knife.



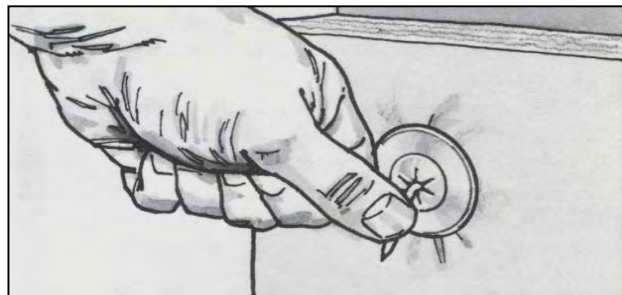
3. STICK ANCHOR IN PLACE

Press anchor into position with twisting motion to spread adhesive evenly. (Adhesive should protrude through perforations & beyond base edges.)



5. HANG INSULATION.

(Allow adhesive to dry thoroughly before hanging insulation: 24-48 hours.)



6. SECURE WITH WASHER.

Secure insulation in place with a self-locking washer. (Bend over or clip off the spindle.)

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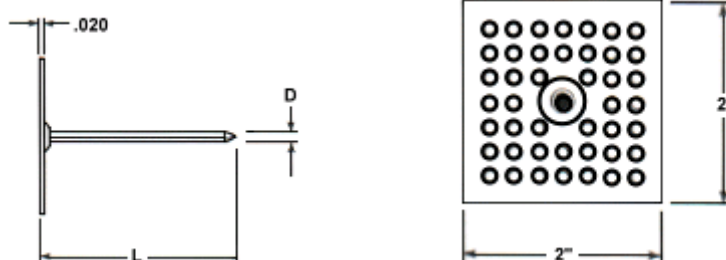
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SPINDLE

To order or specify give:

Product Code: **IA SP** Length: **L** Size: **12 GA** Material: (if other than standard)



SIZE	D	12 GA (.105") is standard. Other sizes available by special order only.
LENGTH	L	1", 1-5/8", 2", 2-1/2", 3-1/2", 4-1/2", 5-1/2", 6-1/2", 8" and 9" are standard. Other lengths are available by special order.

	PLATE	PIN
MATERIAL	LOW CARBON STEEL	LOW CARBON STEEL
PLATING	Galvanized is standard	Galvanized coating is standard

OTHER MATERIALS	Also available by special order in all Stainless Steel or all Aluminum.
------------------------	---

NOTE: Aluminum pins are provided on shorter length Insul-Anchors for ease of bending

WASHERS	Self-locking washers are available in a variety of sizes, shapes and materials.
----------------	---

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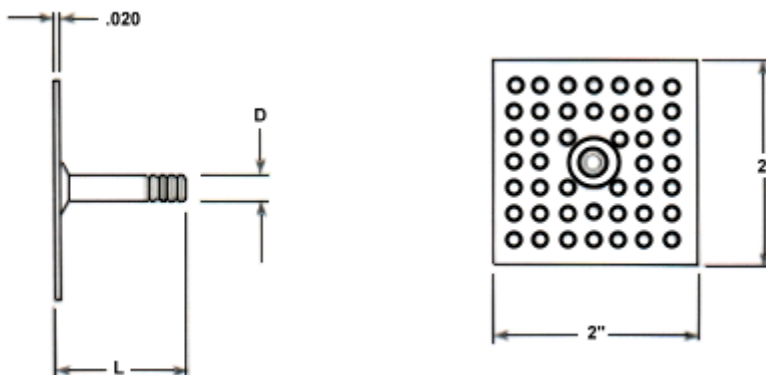
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fax 713-939-9013



ANNULAR RING ANCHOR-BOLT

To order or specify give:

Product Code: **IA AB-AR** Size: **D** Length: **L** Material: (If other than standard)



SIZE	D	3/16 Nominal. Actual Ring Diameter is .175"
LENGTH	L	7/8, 1-7/8, 2-7/8, and 3-7/8 are standard. Other lengths are available by special order.

	PLATE	BOLT
MATERIAL	LOW CARBON STEEL	LOW CARBON STEEL
PLATING	Galvanized is standard	Copper plating is standard

OTHER MATERIALS	Available by special order only
------------------------	---------------------------------

RETAINING CAP	The cap for use with this anchor bolt is the WCN AR CAP part no. 052-297
----------------------	--

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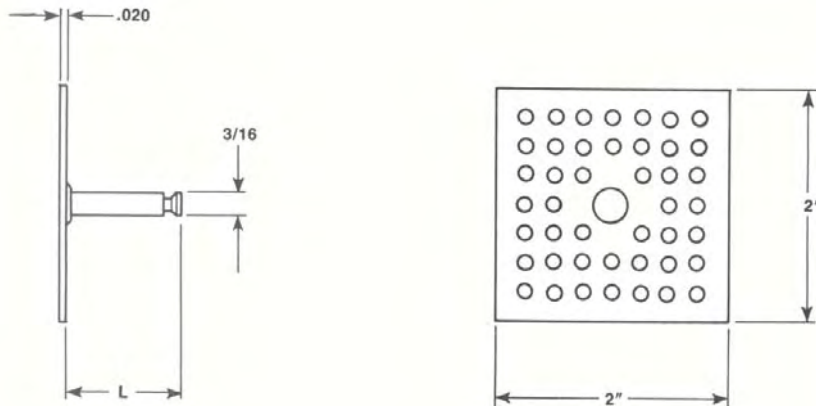
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NOTCHED END ANCHOR-BOLT

To order or specify give:

Product Code: **IA AB-NE** Length: Specify **L** Material: (other than standard)



LENGTH	L 7/8, 1-3/8, 1-7/8, 2-7/8, 3-7/8 are standard. Other lengths are available by special order.
---------------	--

	PLATE	PRONG
MATERIAL	LOW CARBON STEEL	LOW CARBON STEEL
PLATING	Galvanized is standard.	Copper plating is standard.

OTHER MATERIALS	Available by special order only
------------------------	---------------------------------

WASHERS	The washer for use with this anchor-bolt is the WCN NE KHS key hole slotted washer part no. 033-1000-45.
----------------	--

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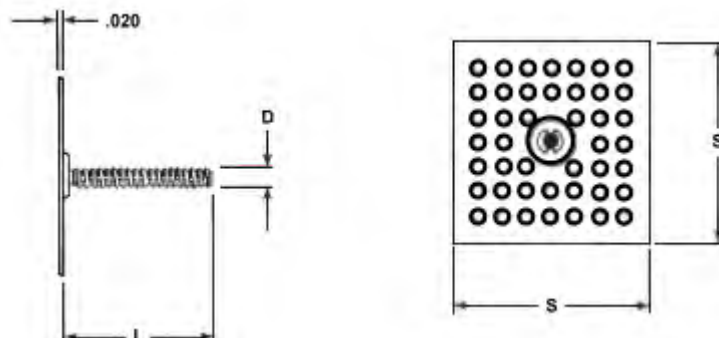
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THREADED ANCHOR-BOLT

To order or specify give:

Product Code: Bolt Size: Length: Specify Plate Size: Specify Material: Specify
IA AB-THD D L



<i>BOLT</i>	D	#10-24 is standard. Other sizes available by special order only.
<i>LENGTH</i>	L	1/4 to 3" long in 1/4" increments is standard
<i>PLATE SIZE</i>	S	1" Square, 1-1/2 Square, 2" Square, and 2-3/4 Square are standard

	<i>PLATE</i>	<i>BOLT</i>
<i>MATERIAL</i>	LOW CARBON STEEL	LOW CARBON STEEL
<i>PLATING</i>	Zinc with yellow chromate	Zinc with yellow chromate

<i>OTHER MATERIALS</i>	Available by special order only
-------------------------------	---------------------------------

<i>HARDWARE</i>	Hex nuts, flat washers and lock washers are available in a variety of materials.
------------------------	--

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4-10

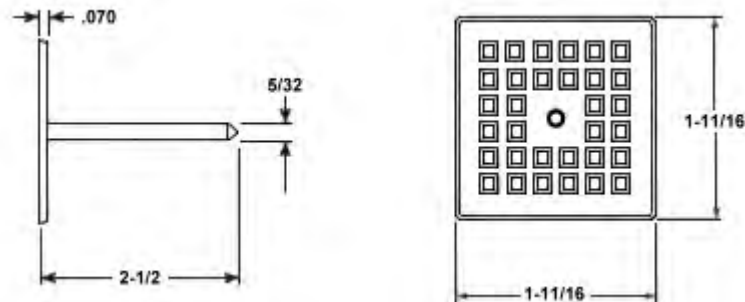
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NYLON

To order or specify give:

Product Code: **IA NY**



FEATURES

- Can be used for insulation up to 2" thick
- Has 21% more perforated area for glue extrusion than similar nylon anchors
- These perforations have a beveled lock-tight design (See illustration below)
- Uses 30% less adhesive than metal insul-anchors with a 2" x 2" square base
- Will not conduct heat or cold
- Lighter in weight than metal anchors for ease of handling

MATERIAL

This is a one-piece insulation anchor of molded nylon

WASHERS

The self locking washer for use with this insulation anchor is the WCN K120 BY 5/32-NY part no. 031-0804-13. These washers are packed with anchors.

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4-11

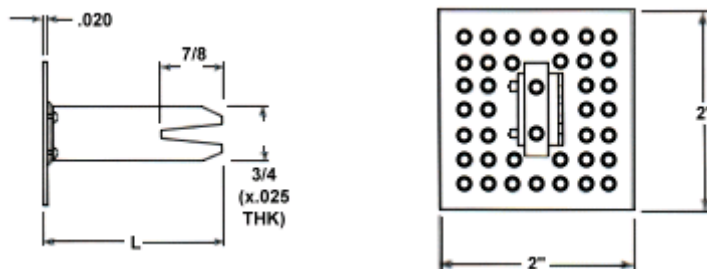
1-800-462-9353
713-939-8903
fax 713-939-9013



PRONG

To order or specify give:

Product Code: **IA PG** Length: Specify **L** Material: (if other than standard)



LENGTH

L 1-7/8, 2-3/8, 2-7/8, 3-7/8, 4-7/8 and 6-7/8 are standard.
Other lengths are available by special order.

	PLATE	PRONG
MATERIAL	LOW CARBON STEEL	LOW CARBON STEEL
PLATING	Galvanized is standard	Galvanized is standard

OTHER MATERIALS

Available by special order only

WASHERS

The washer for use with this insul-anchor is the WCN P150 FY slotted part no. 041-568.

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TUFF-BOND ADHESIVE FOR INSULATION HANGERS

Special Characteristics:

- Non-Slip Formula – Immediate Grab
- Performs in Temperatures up to 250°
- Provides Excellent Water/Mildew Resistance

Description:

INSULATION HANGER ADHESIVE TB is a high-strength, heavy-bodied, neoprene rubber adhesive, specifically formulated for adhering anchors for hanging insulation. TB is also recommended for use as a general-purpose construction adhesive in applications requiring a high-strength bond or in applications subjected to high temperatures.

Uses:

Surfaces should be clean, dry and free of oil, grease, frost or any other foreign matter, which will impair adhesion. Painted surfaces should be roughened. Clean all metal surfaces with 1, 1, 1 – Trichloroethane, acetone or other degreaser, exercising safe practices as recommended by the manufacturer. Some protective coatings are not compatible for TB; therefore, make a test bond before proceeding with application. Store adhesive at room temperature for at least 24 hours prior to use.

Application:

Do not apply at temperatures below 30°. Prepare and install one anchor at a time. Apply a dab (the size of a small walnut) of TB to the anchor base with a putty knife immediately (max. open time is 10 minutes). Press anchor in place with a slight twisting motion. For proper adhesion, insure that the film of adhesive covering the anchor base (after the anchor has been firmly pressed into place) is approximately 1/16" thick and protruding through the perforated base plate. Application will be dry within approximately 24-72 hours, depending on atmospheric conditions. Do not apply load until application is completely dry.

Note:

When installing metal or ceramic wall fixtures or tile, butter the back with TB and immediately press in place with a slight twisting motion. Allow to dry 24-72 hours before subjecting to use.

Coverage & Clean Up:

Covers approximately 500-1,000 anchors per gallon, depending on size. Clean tools and adhesive smears with Toluol, exercising safe practices recommended by manufacturer.

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TUFF-BOND ADHESIVE: PHYSICAL PROPERTIES & TECHNICAL INFO.

PACKAGING INFORMATION		
SIZE	PACKED	WEIGHT
Quart	12 per carton	29 lbs. per carton
1 Gallon	4 per carton	37 lbs. per carton

PHYSICAL PROPERTIES & TECHNICAL INFORMATION	
Base: Neoprene	Flash Point: 45° (ASTM D 3278)
Solvent: Toluene	Water Resistance: Excellent
Color: Dark Green	Mildew Resistance: Won't support fungus growth
Consistency: Heavy mastic. DO NOT THIN.	Application Temp: 30°F to 120°F
Solids Content: 33% ± .3 lbs.	Service Temp: -30°F to 250°F
Open Time: Up to 10 minutes	Storage: Room temp. w/cross ventilation. OSHA Class 1B Liquid. Store as per 29 CFR 1910.106
Dry Time: 24-72 hours	Shelf Life: 12 Months
Coverage: 500-1000 Anchors per Gallon	Photochemically Reactive
Thermal Shock Resistance: Excellent	Flammability (wet stage): Extremely flammable. DOT: Adhesive, Flammable Liquid, UN 1133 OSHA Class 1B Liquid

CAUTIONARY INFORMATION
DANGER! FLAMMABLE. VAPOR HARMFUL. CONTAINS TOLUENE.
Precautionary measures: Keep away from heat, sparks and flames. Prior to use and until all vapors (odors) are gone: do not smoke; do not use electric switches; do not generate static sparks; extinguish all flames and pilot lights; and turn off all electric and gas appliances, motors and other sources of ignition. Vapors are heavier than air and may travel to areas away from the work site. Prevent build-up of vapors – open all windows and doors – use only with cross ventilation. To avoid breathing vapors, open windows and doors or use other means to ensure fresh air during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. AVOID contact with skin or eyes. DO NOT take internally. STORAGE/HANDLING: keep containers closed when not removing adhesive. Do not reuse container or transfer adhesive to another container. FIRST AID: <i>Inhalation Overexposure</i> – If dizziness or nausea occurs, remove person to fresh air and seek medical attention. <i>Swallowing:</i> If swallowed, do not induce vomiting. Call Poison Control Center, hospital Emergency Room or Physician immediately. <i>Eye Contact:</i> Flush eyes immediately and thoroughly with large amounts of water. If irritation persists, see a physician. <i>Skin Contact:</i> Wash skin thoroughly with warm water and soap. NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling may be harmful/fatal. FOLLOW ALL PRECAUTIONS IN THE WORK AREA AND ALL ADJACENT AREAS. BE SURE THAT ALL PERSONS UNDERSTAND AND FOLLOW ALL PRECAUTIONS.

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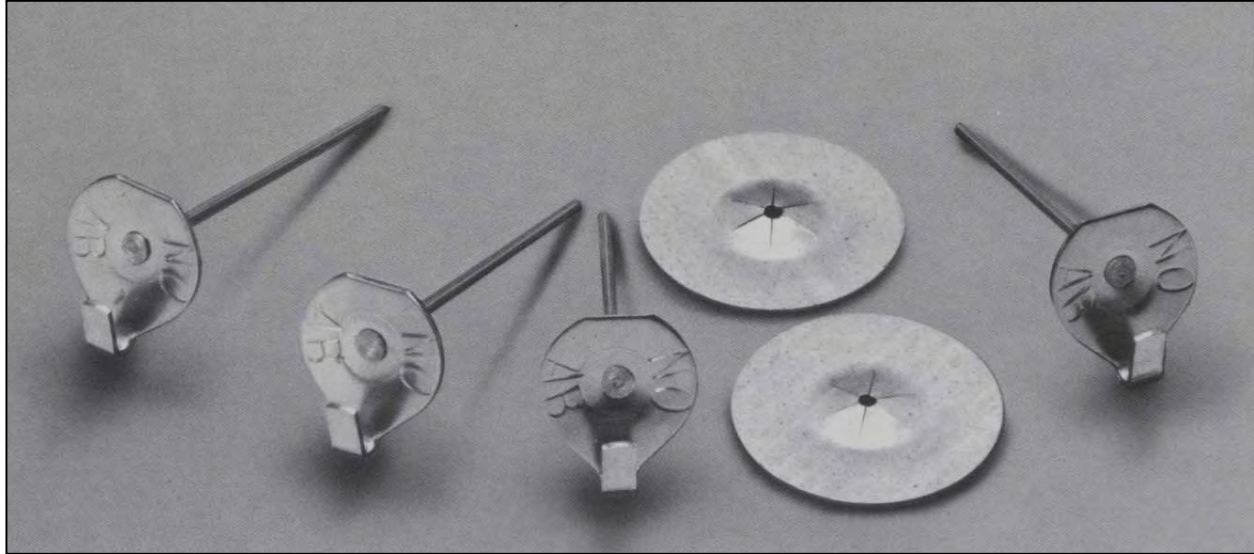


5-2

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SERIES 74 LACING-ANCHORS



SUNBELT Series 74 Lacing Anchor and Self-Locking Washer System simplifies the installation of removable blankets. The Series 74 Lacing Anchors are economical and applied in seconds without tools. They provide secure lacing without damage to removable insulation blankets.

SUNBELT Series 74 Lacing Anchors are available in cadmium plated mild steel or stainless steel with 12 ga. or 14 ga. Spindles in standard and custom lengths.

All **SUNBELT** Series 74 Lacing Anchors are stamped "NO AB", to indicate no asbestos, at no additional cost.

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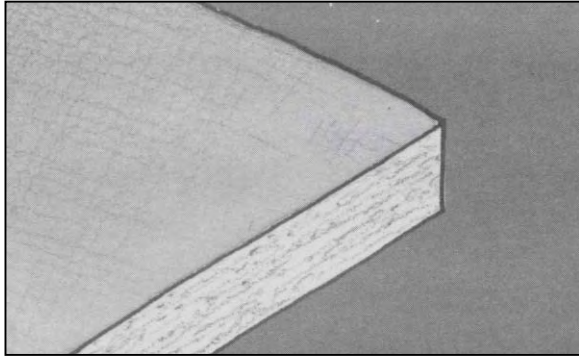
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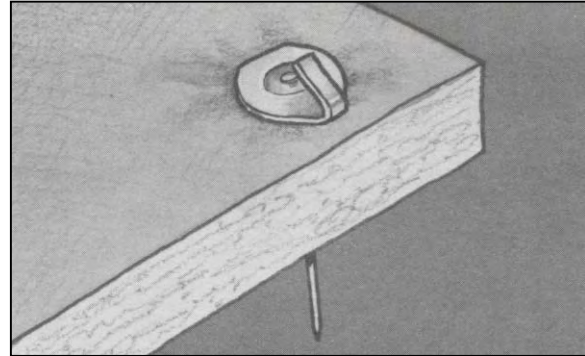
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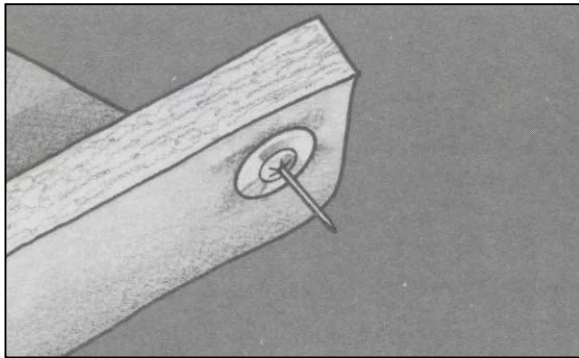
APPLICATION OF LACING-ANCHORS



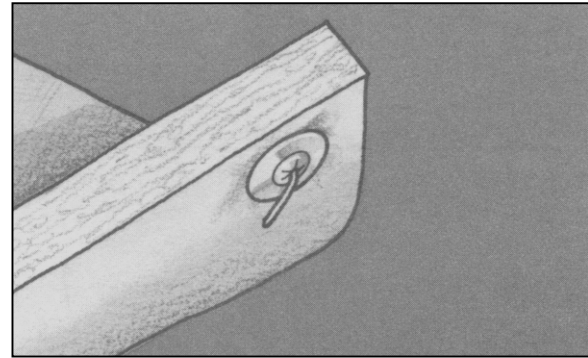
1. PREPARE INSULATION BLANKET.



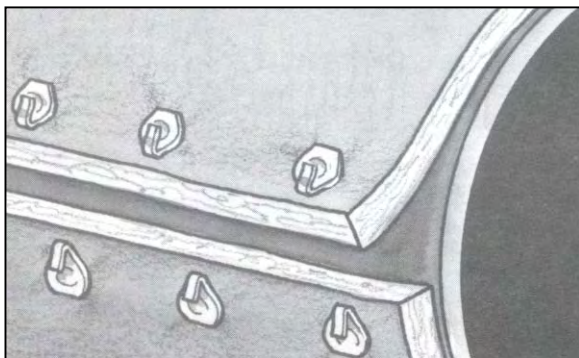
2. PRESS ANCHOR THRU BLANKET.



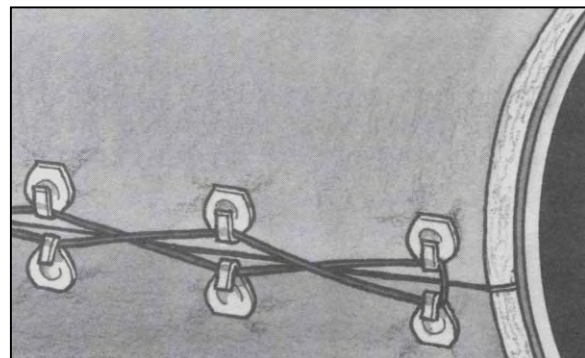
3. SECURE LACING-ANCHOR WITH SELF-LOCKING WASHER.



4. BEND OR CLIP OFF SPINDLE.



**5. APPLY INSULATION BLANKET.
PRESS ANCHOR THRU BLANKET.**



**6. SECURE BLANKET BY LACING THRU
HOOKS WITH LACING WIRE.**

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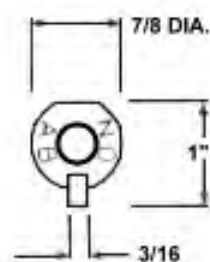
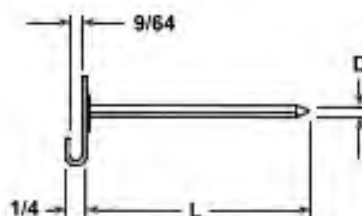
**1-800-462-9353
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fax 713-939-9013**



SERIES 74 LACING-ANCHOR

To order or specify give:

Product Code: **LA 74** Length: **L** Size: **D** Material: Specify



SIZE	D	12 GA & 14 GA are standard. Other sizes available by special order only.
LENGTH	L	2-1/2 & 4-1/2 are standard. Other lengths are available by special order.

MATERIAL	LOW CARBON STEEL	STAINLESS
PLATING	Cadmium plating is standard	Does not apply to Stainless

OTHER MATERIALS	Available by special order only
------------------------	---------------------------------

WASHERS	Self-locking washers are available in a variety of sizes, shapes and materials.
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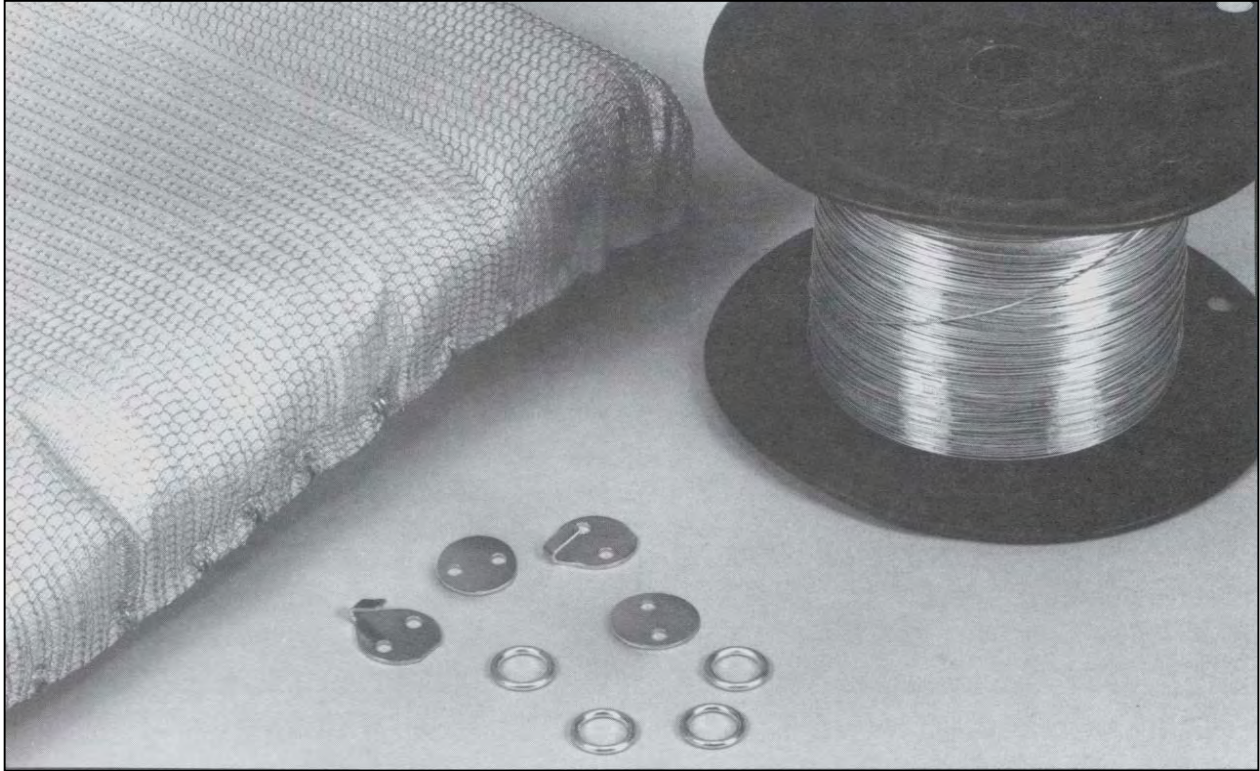


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fax 713-939-9013**



LACING HOOK, LACING WASHER & LACING RING



SUNBELT Series 80 Lacing Hook and Two-Hole Washer System provides an even lower cost and the same easy-to-lace design. The tie wire application provides more blanket flexibility with equally secure performance. The **SUNBELT** Series 80 Lacing Hook is similar in function and appearance to the Series 74 Lacing System. The Series 80 Lacing Hook is stocked in mild steel, cadmium plated and stainless steel.

All **SUNBELT** Series 80 Lacing Hooks are stamped "NO AB" to indicate no asbestos at no additional cost. The **SUNBELT** L100 Lacing Washer can also be used with a Lacing ring and a second L100 lacing washer, which are fastened to the insulation blanket with a tie wire. One advantage with the lacing system is the positive detention of the lacing wire. The insulation blanket can be loosened for access or repositioning, without having to worry about the lacing wire falling away from the hooks. It is also advantageous in maintaining the position of the lacing wire when insulating complex shapes. All L100 Lacing Washers are stamped "NO AB" to indicate no asbestos, at no additional cost.

www.sunbeltstudwelding.com

Sunbelt Stud Welding, Inc.
6381 Windfern Road
Houston, Texas 77040-4915



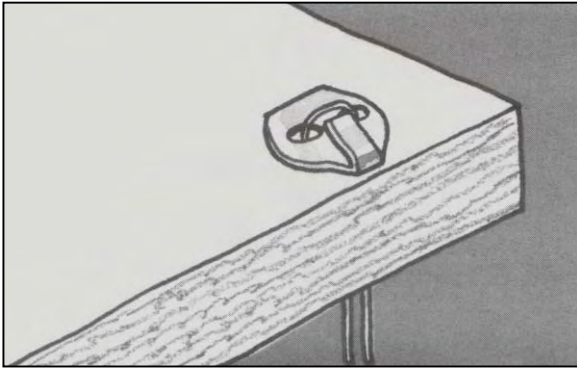
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1-800-462-9353
713-939-8903
fax 713-939-9013

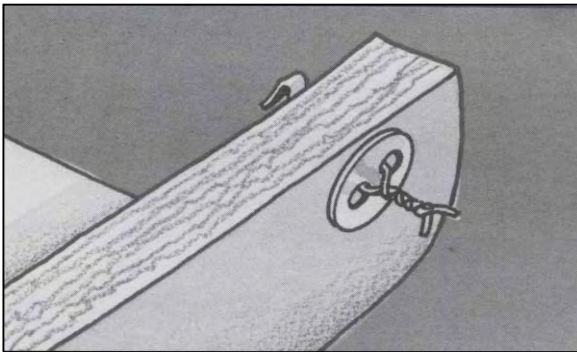


APPLICATION OF LACING HOOK, WASHER & RING

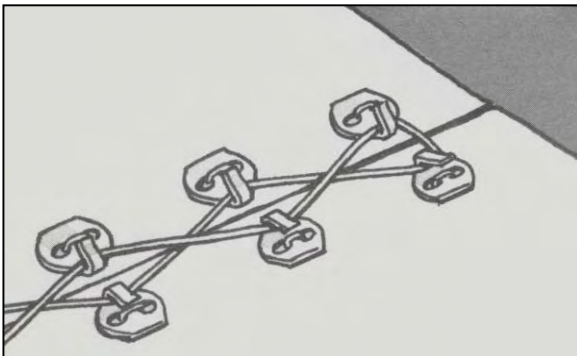
SERIES 80 LACING HOOK SYSTEMS



1. INSTALL LACING HOOK WITH TIE WIRE.

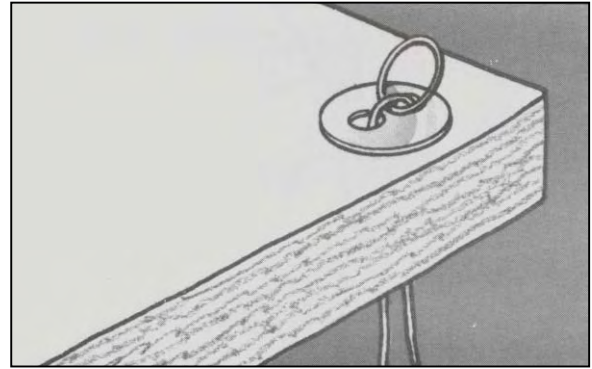


2. SECURE WITH LACING WASHER.

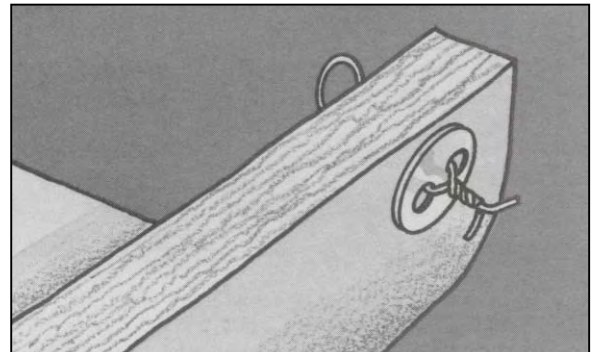


3. SECURE INSULATION BY LACING THRU HOOKS.

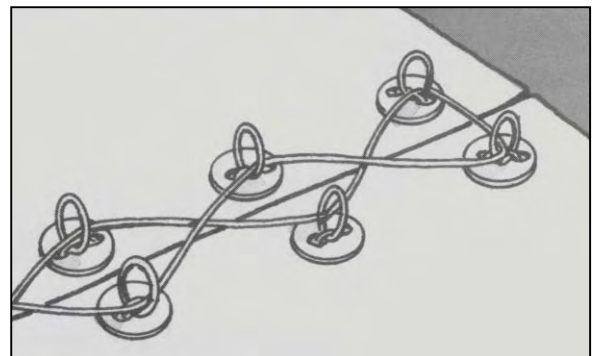
LACING RING SYSTEM



1. INSTALL LACING WASHER & LACING RING WITH TIE WIRE.



2. SECURE WITH LACING WASHER.



3. SECURE INSULATION BY LACING THRU RINGS.

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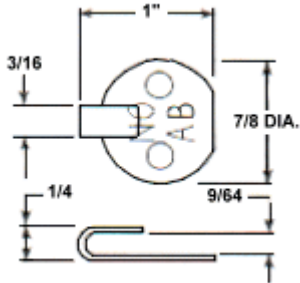
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6381 Windfern Road
Houston, Texas 77040-4915





SERIES 80 LACING HOOK, L100 WASHER & RING

SERIES 80 LACING HOOK



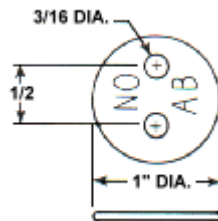
To order or specify give:

Product Code: **LA HOOK 80**

Material: Specify

SIZE	One Size Shown
MATERIAL	Mild Steel: Cadmium plated or Stainless Steel
NO-AB	Furnished stamp NO AB to indicate non-asbestos material

L100 LACING WASHER



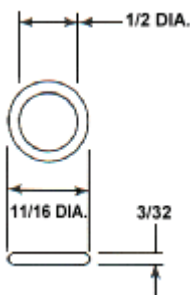
To order or specify give:

Product Code: **LA L100**

Material: Specify

SIZE	One Size Shown
MATERIAL	Aluminum or Stainless Steel
NO-AB	Furnished stamp NO AB to indicate non-asbestos material

LACING RING



To order or specify give:

Product Code: **LA RING**

SIZE	One Size Shown
MATERIAL	Zinc Alloy - bright Zinc plated

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