



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problems



Noise S.T.O.P. ACOUSTIMETAL™

Indoor or Outdoor Use

Ideal for Demanding Environments

- *Durable*
- *Impact Resistant*
- *Walls & Ceilings*
- *Class A-1 ASTM E-84 Nonflammable*

Introducing Acoustimetal™, the latest advancement in noise control and acoustic treatment. Acoustimetal™ combines the durability of a perforated metal shell and the superior noise control, properties of our exclusive nonflammable acoustical material. Acoustimetal™ is ideal for demanding environments where noise control applications are exposed to physical impact. Indoor or outdoor use.

The Acoustimetal™ shell is available in electrostatically finished, anodized aluminum or optional painted white. The Acoustimetal™ shell is designed to withstand the harshest industrial installations or visually appealing interior design. The unique 50% perforation pattern gives maximum sound control with the use of our Class A, Fiberglass Free (LEED ELIGIBLE) Echo Eliminator or Sound Silencer material inside. Custom panel sizes available.

MATERIAL: .040 clear anodized perforated aluminum

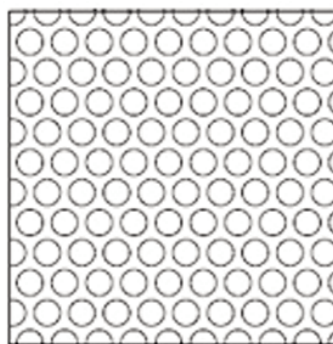
METAL OPTIONS: Galvanized steel or stainless steel

APPLICATIONS: Ceiling tiles, wall panels, steps, machine enclosures

INSTALLATION: Mechanical clips

Standard Perforations:

RS036



Hole Size: .117" Dia. x 5/32" Ctrs.

Open Percentage: 51%

For more perforation samples see pdf on website.

Continued on next page...



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Echo Eliminator™ - Fill



Echo Eliminator™ is a high performance acoustical material made from 85% post industrial recycled cotton. Echo Eliminator™ has an NRC up to 1.15.

Sound Silencer™ - Fill



Sound Silencer™ is a dual functional panel that blocks and absorbs sound. Sound Silencer™ has both an NRC and STC value.

Ceilings – Walls



Continued on next page...

- Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems
- Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction
- Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices
- OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted



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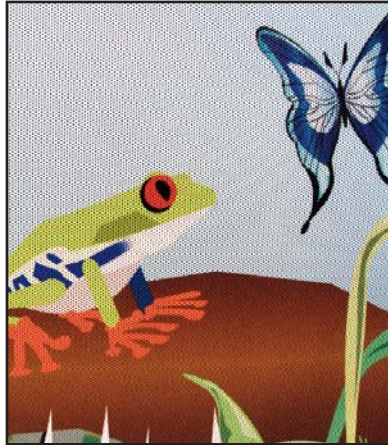
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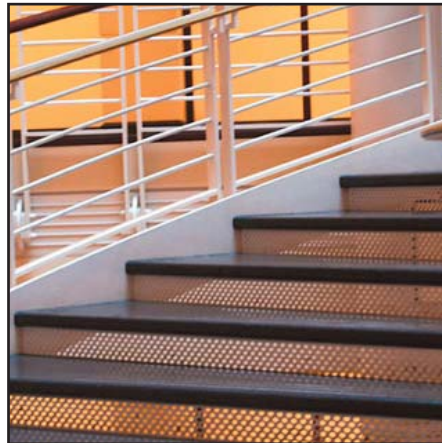
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Ceilings – Walls cont.



Railings – Stairs



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Outdoor – Enclosures



Continued on next page...

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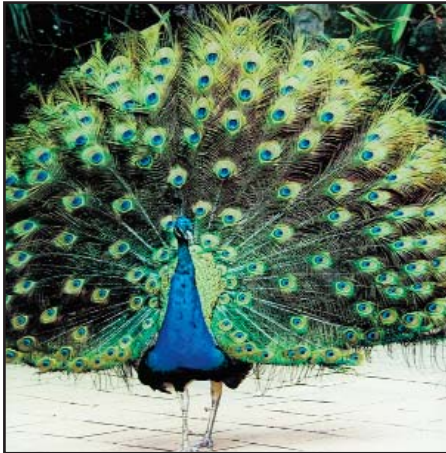
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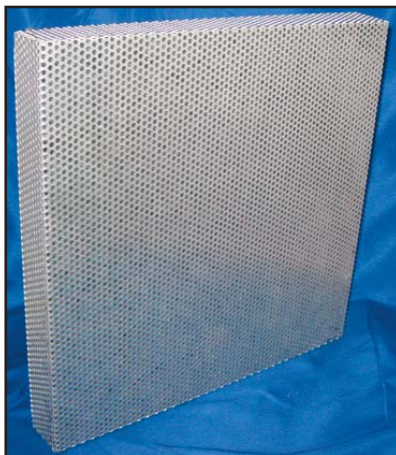
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Powder Coated



Panel Front – Clip Install



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ALUMINUM TRIM OPTIONS

Many Other Non-Stock Sizes Available

ITEM	A	B
A-895 MF	3/16"	1"
A-868 MF	3/16"	1-1/2"
A-882 MF	3/16"	2-1/2"
A-888 MF	3/16"	3"
A-316-4 MF	3/16"	4"
A-188-9 MF	3/16"	9"
A-896 MF	1/4"	1"
A-1311 MF	1/4"	1-1/4"
A-889 MF	1/4"	1-1/2"
A-17 MF	1/4"	2"
A-1369 MF	1/4"	2-1/2"
A-890 MF	1/4"	3"
A-856 MF	1/4"	4"
A-916 MF	1/4"	5"
A-887 MF	1/4"	6"
A-14-6 MF	1/4"	8"
A-1372 MF	1/4"	9"
A-785 MF	3/8"	1"
A-791 MF	3/8"	1-1/2"
A-1239 MF	3/8"	2"
A-910 MF	3/8"	6"
A-1450 MF	3/8"	8"
A-1232 MF	1/2"	1/2"
A-893 MF	1/2"	1"
A-884 MF	1/2"	1-1/2"
A-806 MF	1/2"	2"
A-809 MF	1/2"	3"
A-1278 MF	1/2"	4"
A-1257 MF	1/2"	6"
A-1240 MF	3/4"	3/4"
A-1443 MF	1"	1"

Flat Trim

Flat Bar 1/16" Thick

ITEM	A
A-1333 MF	1/4"
A-1335 MF	3/8"
A-1337 MF	1/2"
A-1341 MF	3/4"
A-1345 MF	1"
A-1349 MF	1-1/4"
A-1353 MF	1-1/2"

Flat Bar 1/8" Thick

AR-17 EA, MF 1/4" thick with radius

AR-812 BKH,EA,MF

AR-808 BKEA,MF

A-796 BKEA,MF

A-810 EA,MF

A-857 EA,MF

A-825 EA,MF

A-1260 EA,MF

Frame Nosing

Face Nosing GROOVED

Face Nosing PLAIN FACE 3/16" Overlap Lip

A-328 BA,EA Drilled & Undr.

A-326 BA,EA Drilled & Undr.

E-031 POL Undr.

A-219 Special order

A-272 EA,POL-DR

A-275 EA DR & UN

A-274 EA DR

E-0021 EA DR Special order

E-25 BA DR Special order

E-24 BA DR

E-428 Special order

ALUMINUM CORNER GUARDS

Angle

Available Lengths: 48", 72", 96", 144" or Custom Lengths

ITEM	A"	B"	Finishes
A-103	1/2"	1/16"	BK,EA,EB,MF
A-803	3/4"	1/16"	BK,EA,EB,MF
A-903	1"	1/16"	BK,EA,EB,MF
A-1425	1-1/2"	1/16"	BA,BK,EA,MF
A-1163	1-1/2"	1/8"	EA,MF
A-1202	2"	1/8"	EA,MF
A-1446	3"	1/8"	EA,MF

Finish Data

BA.....Buffed & anodized clear
BK.....Anodized black
EA.....Etched & anodized satin clear
EB.....Etched & anodized satin brass
MF.....Mill finish, as extruded

STAINLESS STEEL CORNER GUARDS

ITEM	A	Gauge	Length	Radius
SS-4034-18	3/4"	18	4"	1/8"
SS-4100-18	1"	18	4"	1/8"
SS-4114-18	1-1/4"	18	4"	1/8"
SS-4112-18	1-1/2"	18	4"	1/8"
SS-4200-18	2"	18	4"	1/8"
SS-8200-18	2"	18	8"	1/8"
SS-4212-18	2-1/2"	18	4"	1/8"
SS-8212-18	2-1/2"	18	8"	1/8"

Easy to maintain un drilled 90 degree stainless steel corner guards with brushed finish.

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Channels 1/16" Thick

120°
30° 30°
B-195 MF, EA

3/16"
1/4"
E-2726 BK, EA, MF

3/16"
3/4"
A-762 EA

1/4"
3/8"
A-225 BK, EA

1/4"
7/8"
CHF-226 EA, MF

1/4"
13/16"
E-2223 EA

1/4"
15/16"
A-237 EA

3/8"
1/2"
E-1245 EA

3/8"
1/2"
E-2440 BK, EA, MF

3/8"
3/4"
CHF-1234 EA, MF

1/2"
5/8"
E-1345 EA

1/2"
5/8"
A-244 Special Order

1/2"
5/8"
A-252 Special Order

5/8"
1 1/16"
E-1345 EA, MF

5/8"
3/4"
A-761 BK, EA, MF

5/8"
3/4"
E-9747 MF

5/8"
3/4"
E-2161 EA

3/4"
1 1/16"
A-757 BK, EA, MF

7/8"
1"
CHF-134 MF

7/8"
1"
A-741 EA, MF

1 1/8"
1 1/8"
S-132 MF

3/32" Thick
5/8"
1/2"
E-1038 EA 3/32" WALL

3/8"
5/8"
E-3724 Special Order

Slide Track Channel

Listed is a sampling of non stock channels available to manufacture with minimum run. We have 100's of channel dies that can be run to your specifications. For a complete list of dies, please call!

DIE #	A In. Dia	B Legs	C Out Dia.	D Wall
CH-670	1"	0.3	1.1	0.05
CH-770	1/4"	0.42	0.38	0.05
CH-800	1/2"	9/16"	0.81	0.05
CH-830	3/8"	1"	3-1/8"	0.05
CH-104	1/4"	5/8"	3/8"	1/16"
CH-126	1/2"	3/4"	5/8"	1/16"
CH-154	3/4"	1/2"	7/8"	1/16"
CH-158	3/4"	1-1/8"	7/8"	1/16"
CH-161	1 3/16"	3/4"	15/16"	1/16"
CH-167	7/8"	1/2"	1"	1/16"
CH-177	1"	1"	1-1/8"	1/16"
CH-181	1-1/8"	1/2"	1-1/4"	1/16"
CH-188	1-1/4"	3/16"	1-3/8"	1/16"
CH-192	1-3/8"	5/8"	1-1/2"	1/16"
CH-195	1-1/2"	1"	1-5/8"	1/16"
CH-198	1-3/4"	5/16"	1-7/8"	1/16"
CH-200	1-7/8"	3/4"	2"	1/16"
CH-204	2"	3/4"	2-1/8"	1/16"
CH-211	3-1/8"	1 7/8"	3-1/4"	1/16"

Channels 1/8" Thick

3/4"
1"
A-7136 MF

1/2"
3/4"
A-774 BK, EA, MF

3/4"
1"
A-1101 EA, MF

1-1/4"
1"
A-50 MF

1-3/4"
1"
A-1251 MF

1-1/2"
1-1/2"
A-1007 Special Order

3/4"
1-1/2"
A-1305 Special Order

1-1/2"
1-1/2"
E-1038 EA 3/32" WALL

1-1/4"
3/4"
A-1914 MF

Listed is a sampling of non stock channels available to manufacture. We have 100's of open channel dies that can be run to your specifications. For a complete list of dies, please call.

DIE #	A In. Dia	B Legs	C Out Dia.	D Wall
CH-235	1/4"	5/8"	7/16"	3/32"
CH-238	8/16"	1/2"	3/4"	3/32"
CH-242	13/16"	1/2"	1"	3/32"
CH-245	13/16"	1-1/4"	1"	3/32"
CH-248	1-1/16"	1"	1-1/4"	3/32"
CH-451	1/8"	1/2"	3/8"	1/8"
CH-453	1/4"	3/4"	1/2"	1/8"
CH-457	3/8"	7/8"	5/8"	1/8"
CH-458	1/2"	1-3/8"	3/4"	1/8"
CH-461	5/8"	2-1/4"	7/8"	1/8"
CH-463	3/4"	1-1/2"	1"	1/8"
CH-465	1/4"	1"	1/2"	1/8"
CH-467	1"	1-1/4"	1-1/4"	1/8"
CH-469	1"	2-5/8"	1-1/4"	1/8"
CH-471	2"	7/8"	2-1/4"	1/8"
CH-473	1-1/2"	1-3/4"	1-3/4"	1/8"
CH-475	1-1/2"	2"	1-3/4"	1/8"
CH-477	3-3/4"	1/2"	4"	1/8"
CH-479	3-3/4"	1"	4"	1/8"
CH-481	2"	1-1/4"	2-1/2"	1/4"
CH-483	2"	1-1/2"	2-1/2"	1/4"
E-275	7-5/8"	2"	8"	3/16"

J-Mold

23/32"
3/16"
E-80 BK, MFA
For 1/16" Material

11/16"
1/4"
E-84 MFA
For 1/16" Material

5/8"
3/16"
E-514 MF
For 1/16" Material

11/16"
1/4"
E-82 MFA
For 3/32" Material

3/4"
1/4"
E-901 MFA
For 1/8" Material

3/4"
1/4"
E-524 BK, EA, MF
For 1/8" Material

5/16"
3/8"
E-104 EA
For 5/32" Material

27/32"
3/8"
E-72 BA
For 3/16" Material

7/8"
5/16"
E-401 BA, MFA
For 1/4" Material

3/4"
1/4"
E-544 BK, EA, MF
For 1/4" Material

1-3/16"
1/4"
E-6378 BD special order
For 1/4" Material

15/16"
1/4"
E-6979 BD
For 1/4" Material

1-1/8"
1/4"
E-1584 EA, MF
For 1/4" Material

1/4"
27/32"
5/8"
E-804 EA, MF
For 1/4" Material

7/8"
3/8"
E-402-BA, BK, MF
For 5/16" Material

7/8"
3/8"
E-914 EA, MF
For 11/32" Material

25/32"
7/16"
E-2465 BD
For 3/8" Material

7/8"
3/8"
E-5240 BA
For 3/8" Material

1"
3/8"
E-1998 BK, EA, MF
For 1/2" Material

1-3/4"
1"
E-148 EA, MF
For 1-3/4" Material

1 050 ID
1-1/4"
E-494 EA, MF
For 1" Material

NOTE ALSO USED ON # 6, 201 BEARING (S.P. 31)

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INSTALLATION INSTRUCTIONS

Acoustimetal™ perforated metal wall panel system is a simple to install 20-24 gauge anodized aluminum panel that has 1" or 2" 90 degree sides on each long edge to which make them easy to field cut and install. Cut the **Sound Silencer** or **Echo Eliminator** fill/acoustical backer with a skill saw or table saw to fit inside of the Acoustimetal panel, place inside pan then screw the edges of the panel as needed to substrate. Cover any screws with flat aluminum trim pieces provided in 16' lengths. You can glue trim or drill.

Optional: Metal C-Channel Edges available. Optional: EZ Clip mounting system available.

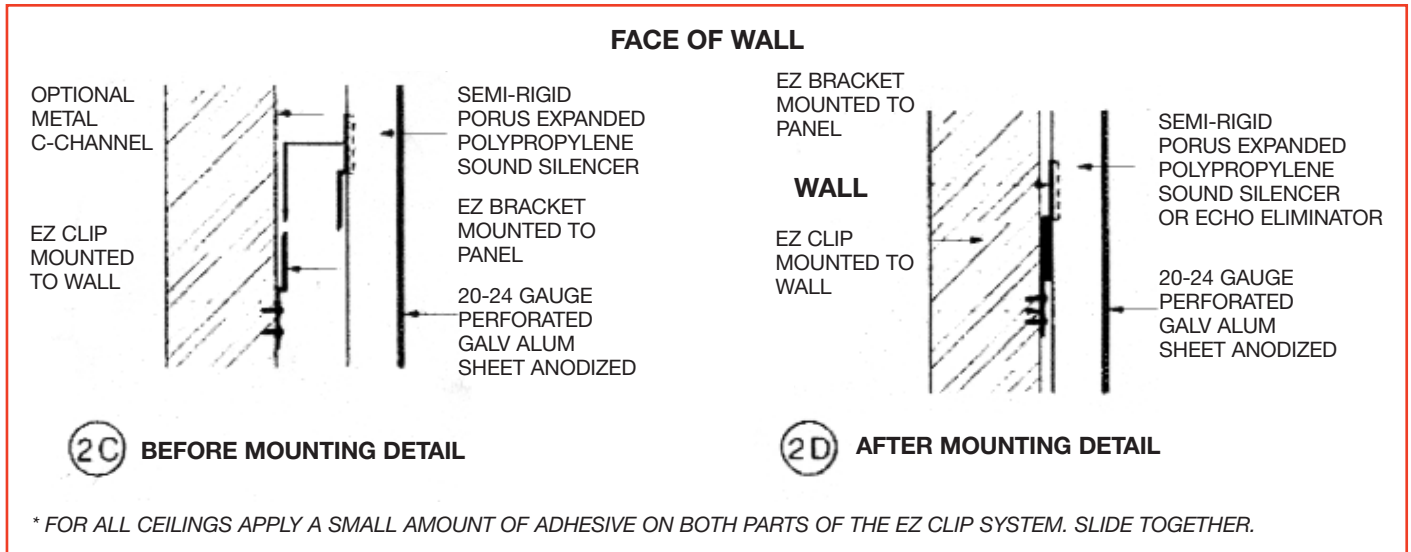
Panel sizes up to 12' H x 4' W available. Custom sizes and perforations are available.

Note: Lead time is 6 -8 weeks.

We also carry the same perforations and anodized look with the Sound Silencer backer as 23-3/4" X 23-3/4" or 23-3/4" X 47-3/4" drop-in ceiling tile.

CLEANING INSTRUCTIONS

Wipe with soft cloth and rubbing alcohol.



Mechanical Clips (ie. E.C. Clips / E.Z. Clips)



Wall bars attaches to wall with standard screws provided by others.

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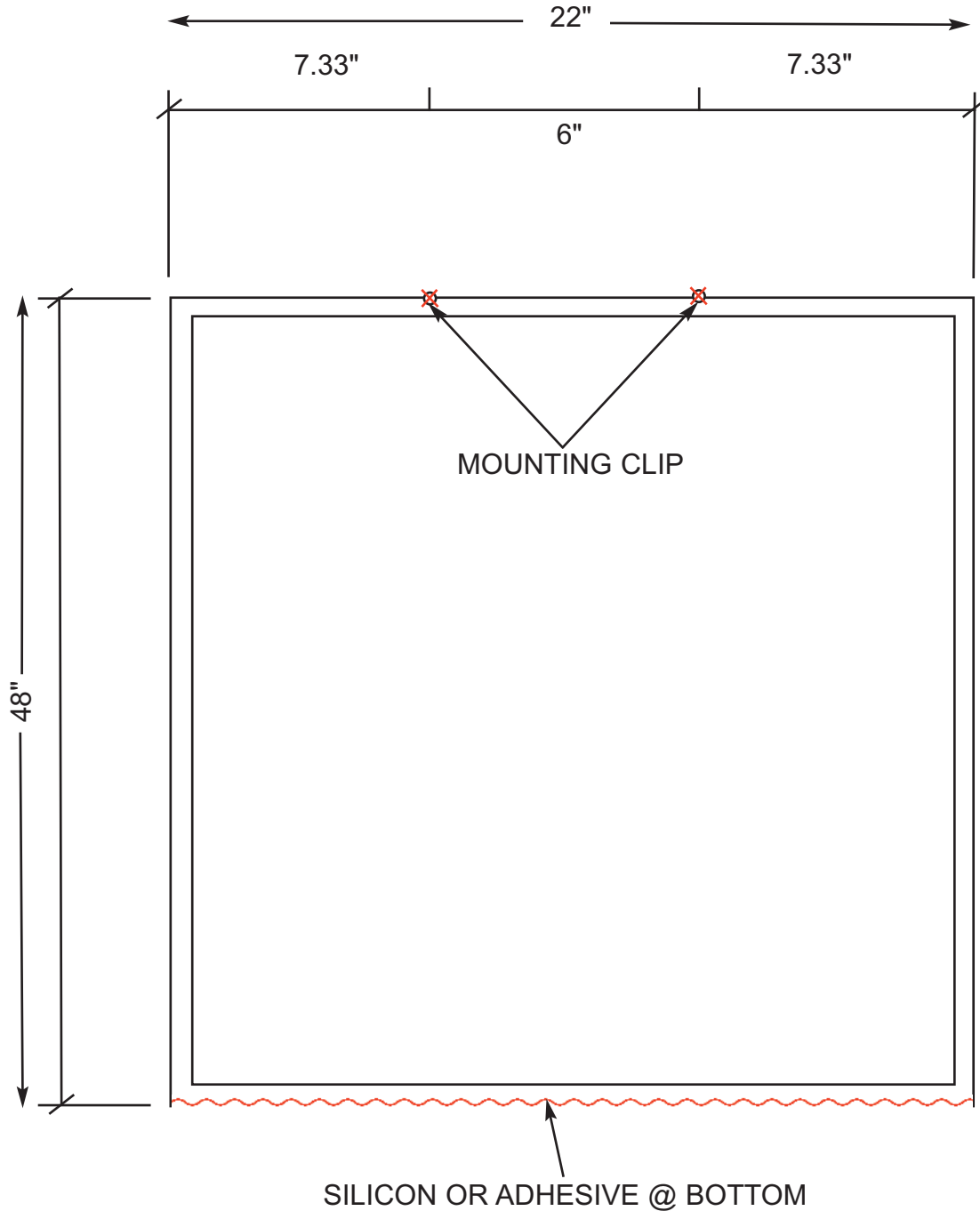
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