

ALUCAST[®]

Product Catalog





ALUCAST®

Quality covers for today's drillers.
We create well protection that works. We use aluminum instead of steel, and engineer covers that provide drillers with the best combination of performance and value.

www.alucastworld.com

The Best and Safest Monitoring Well Protection in the World

It's a bold claim. What makes us so confident?

We spent two years on market research and spoke with 200 drilling companies. People just like you told us about their issues with conventional manhole covers that rust, break, spark and suffer from stripped or seized bolts.

I've been there, I worked in the environmental remediation industry as a driller and engineer for 20+ years.

These experiences proved to me that well protection had to evolve. Engineers, distributors and drillers alike deserve a higher quality and more reliable product at a competitive price.

Day in, day out, we design some of the coolest well protection in the drilling world, and we bring heart to that hustle, because we are passionate about the drilling industry.



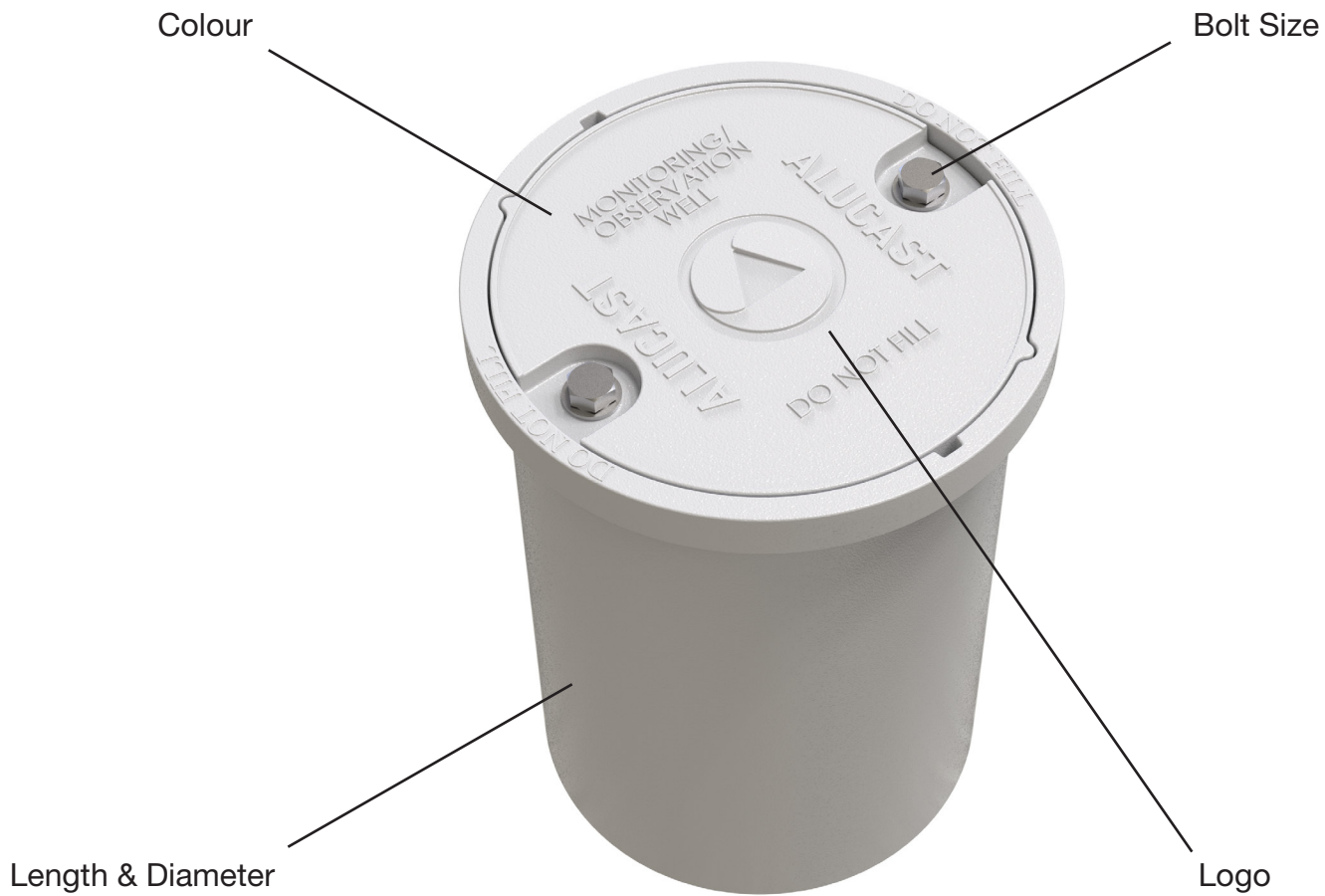
A stylized, cursive signature of Jeff Garby.

Jeff Garby (Founder)
Travis Robinson (Operations)
Alucast Inc

LEAVE YOUR MARK!



on every borehole you drill.



Design your own custom manhole cover

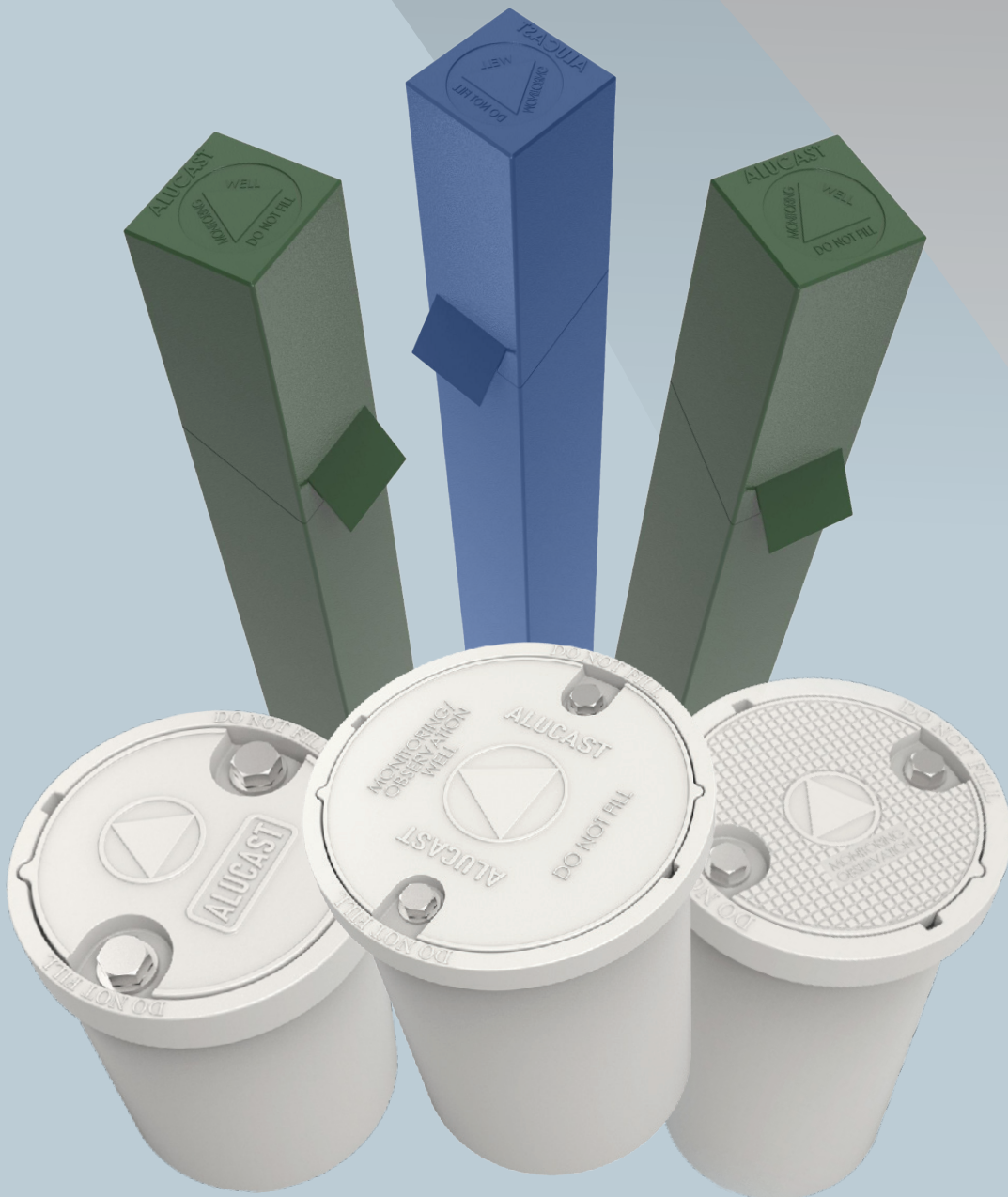
In addition to stocking 15,000 covers at any one time, we provide custom design services. No one else in North America, Europe or Australia offers this. You can create something uniquely your own, a cover that will represent your company.

Your personal ALUCAST co-creation starts here. Make a cover no one has ever seen before.

Products

Well protection products created by drillers, for drillers. Our entire suite of high-quality monitoring well products are lightweight, durable, and won't rust.

The new global standard in well protection.







Manhole Covers

The Best And Safest Monitoring Well Protection in the World

Trusted and used globally, our signature products have changed the geotechnical drilling industry. Engineered with drillers in mind, the covers are technically sound, lightweight, and rust free. The new standard in well protection.

4" Manhole Cover



Product Specifications

- 4" Aluminum Manhole Cover
- 2 Bolt - Water Resistant
- Weight: 4.0 lbs
- 5.5" DIA. Aluminum Ring Frame
- 0.51" Thick Cover Plate
- 1/2" x 1/8" BUNA-N Gasket

6" Manhole Cover



Product Specifications

- 6" Aluminum Manhole Cover
- 2 Bolt - Water Resistant
- Weight: 7.0 lbs
- 6" DIA. Aluminum Ring Frame
- 0.51" Thick Cover Plate
- 1/2" x 1/8" BUNA-N Gasket

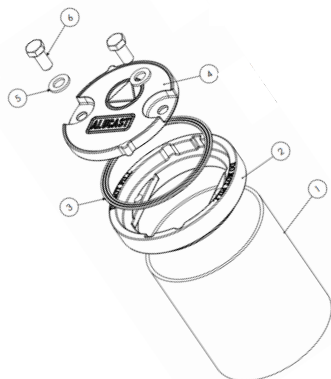
8" Manhole Cover



Product Specifications

- 8" Aluminum Manhole Cover
- 2 Bolt - Water Resistant
- Weight: 10.24 lbs
- 9.65" DIA. Aluminum Ring Frame
- 0.51" Thick Cover Plate
- 1/2" x 1/8" BUNA-N Gasket

4" Manhole Cover



Engineering Specifications

ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
6	SCREW ISO 4015	STAINLESS STEEL	M12X1"	
5	WASHER ISO 7091-12	STAINLESS STEEL	5/8"	
4	LID	ALUMINUM	5.2 x 5.2 x 0.51	0.88 lbs
3	GASKET	SILICON RUBBER	5.2 x 5.2 x 0.13	0.02 lbs
2	FLANGE	ALUMINUM	5.98 x 5.98 x 01.32	0.91 lbs
1	TUBE	ALUMINUM	6.09 x 5.51 x 5.51	1.48 lbs

6" Manhole Cover



Engineering Specifications

ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
6	SCREW ISO 4015	STAINLESS STEEL		
5	WASHER ISO 7091-12	STAINLESS STEEL	5/8"	
4	LID	ALUMINUM	6.5 x 6.5 x 0.51	1.45 lbs
3	GASKET	SILICON RUBBER	6.5 x 6.5 x 0.13	0.04 lbs
2	FLANGE	ALUMINUM	7.68 x 7.68 x 1.41	1.86 lbs
1	TUBE	ALUMINUM	12.01 x 6.5 x 6.5	3.67 lbs

8" Manhole Cover



Engineering Specifications

ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
6	SCREW ISO 4015	STAINLESS STEEL	M12X1"	
5	WASHER ISO 7091-12	STAINLESS STEEL	5/8"	
4	LID	ALUMINUM	8.66 x 8.66 x 0.51	2.63 lbs
3	GASKET	SILICON RUBBER	8.66 x 8.66 x 0.13	0.06 lbs
2	FLANGE	ALUMINUM	9.65 x 9.65 x 1.3	2.97 lbs
1	TUBE	ALUMINUM	12.01 x 8.5 x 8.5	5.64 lbs



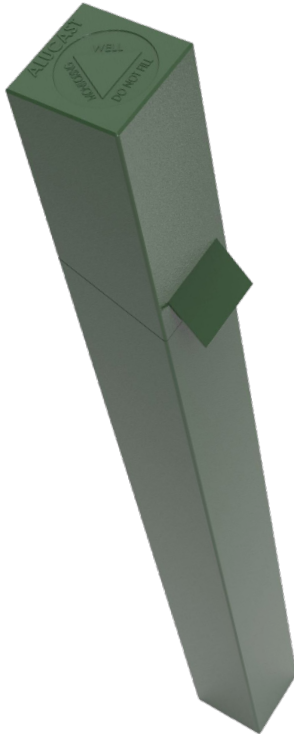
Monument Casing

Industry leading, lightweight stick up casings.

Featuring a heavy duty 4 bolt hinge, non-sharp edges and a built in weather protected lock hole, the new Alucast Monument Casing is the trusted choice for drillers across the world. Coming in at only 6.0 lbs, it is far lighter than comparable steel products.

4" Monument Casing

Product Specifications



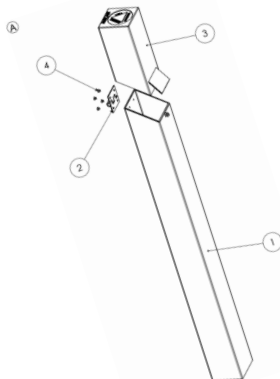
- Aluminum grade
- 4' x 4" x 4" Monument Casing
- Weight: 6.0 lbs
- Tamper-proof protector
- Length: 4"
- Width: 4"
- Height: 48"

Alternate Sizes Available:

- 5" x 5" x 5"
- 6" x 6" x 5"

4" Monument Casing

Engineering Specifications



ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
4	SCREW ISO 7046-1	STAINLESS STEEL	m5 X 0.24	
3	LID	ALUMINUM	11.15 x 4.93 x 4.02	1.1 lbs
2	HINGE	ALUMINUM	2.36 x 2.36 x 0.5	0.09 lbs
1	BODY	ALUMINUM	40.13 x 4.52 x 4.02	4.25 lbs





Aluminum Locking Well Caps

The Best And Safest Monitoring Well Protection in the World

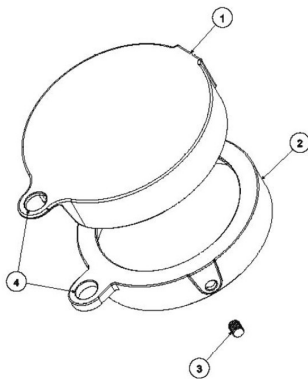
Our two-part, covers are powder coated and made from casted aluminum giving them the unbelievable straight an durability you expect from Alucast. Bottom portion of the two-part cap is help into place with three stainless steel set screws and the upper cap is secured with a padlock (not supplied).

4" Locking Well Cap

Product Specifications



- 4" Aluminum Locking Cover
- 3 Stainless Set Screw
- Weight: 2.25 lbs
- Fits 4 1/2" OD Pipe
- Rust Free



Engineering Specifications

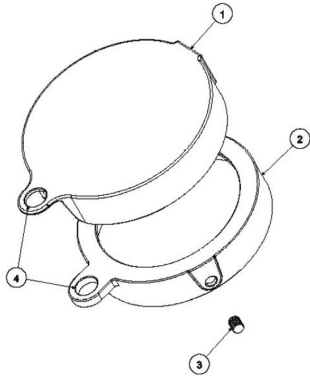
ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
4	PADLOCK DUGOUT	ALUMINUM	1/2"	
3	SET SCREWS	STAINLESS STEEL		
2	LOWER BODY	ALUMINUM	6.05 x 4.92 x 1.72	.75 lbs
1	LID	ALUMINUM	6.25 x 5.65 x 1.75	1.5 lbs

6" Locking Well Cap

Product Specifications



- 6" Aluminum Locking Cover
- 3 Stainless Set Screw
- Weight: 3.0 lbs
- Fits 6 5/8" OD Pipe
- Rust Free



Engineering Specifications

ID	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT
4	PADLOCK DUGOUT	ALUMINUM	1/2"	
3	SET SCREWS	STAINLESS STEEL		
2	LOWER BODY	ALUMINUM	8.5 x 7.1 x 1.72	1.0 lbs
1	LID	ALUMINUM	8.7 x 8 x 1.75	2.0 lbs





Become a Distributor

Join the global list of distributors carrying Alucast well protection products.

Why Become an Alucast Distributor?

We have top-notch distributors across North America, Europe and Australia that work with drillers, technicians and environmental consultants. Our distribution channels give us close customer relations with the largest drilling companies who are located minutes away from our distributors' warehouses.



United Kingdom distributors Marton Geotechnical services.

With ALUCAST in your catalog, you gain an edge over the competition. A superior product combined with our industry connections that bring more prospective customers to your door for all the products you carry.

In addition, we offer something no other manufacturer in the world does – continuing product education and support for all our customers and distributors.

Contact us about becoming an ALUCAST distributor today.

Testimonials

"I was a driller for almost 15 years in the geotechnical and environmental sector. I've seen many different types of well protection. Alucast covers are the best I've seen. They are built tough and look great. Being powder-coated aluminum, I know they will outlast anything else out there."

Lucas MacEwan, *Technical Field Support*, FORDIA



"For the last 23 years, I've had to use cheap rubbish with poor quality as there was nothing else on the market. You guys changed that. To me, a cover is the driller's imprint, the lasting signature like an athlete's world-record attempt. People may not always remember the athlete's name, but they always remember the mark he left. That's what Alucast covers are — a driller's lasting mark with a world-class product."

John Rodgman, *Director*, Borehole Solutions Ltd.



"The choice is simple when the option is there — Alucast. From the presentation to the performance of it in the ground, this cover holds up."

Jeff Bibbings, *National Sales Manager*, Groundtech Solutions Ltd.



10 Reasons Why Our Covers are Better



Aluminum Beats Steel

Our full aluminum cover, even with a thick full skirt, is half the weight of a comparable steel cover, and it won't rust or spark.



Fully Welded, Heavy-Duty Skirts

Thick aluminum is welded all the way around the cover for long-lasting durability. There is no tack welding here. Why settle for a cover with a thin sheet metal skirt?



Surface Water Contamination Prevention

A gasket located in the body ring prevents contamination from rainwater or surface debris.



Trouble-Free Installation

That thick aluminum pipe skirt extends nearly a foot below grade to ensure trouble-free installation even in deep concrete. Two dummy-proof notches ensure easy lay in while aligning the bolt holes.



Fully Customizable

Customize the length/diameter, colour, bolt size, and logo. Custom design services are available with no minimum quantities required.



H-20 Rated

All Alucast covers exceed the requirements of H-20 rating and have been certified AASHTO M306-10. Testing products to this rating isn't common in the industry. It's standard practice for us.



Secured Cover

Two recessed, self-aligning stainless steel hex bolts with O-rings secure the cover to the body ring.



Maximum Load Bearing Capacity

Our aluminum covers and body rings are heavily ribbed to ensure maximum load bearing capacity.



Easy Bolt Access

More space is left around the bolt to ensure easy access with a wrench or socket.



Clearly Labeled

DO NOT FILL graphic warning statement is permanently cast into the cover with equilateral triangle outset in accordance with API Recommended Practices 1615.



Distributor Locations

Join the global list of distributors carrying Alucast well protection products.

Distributor Locations



1 **Canada**

Aquaterra Resource Services
Groundtech Solutions
Hole Products Canada
Plas-tech Plus
Sling Chocker
The Fordia group
Wellmaster Pipe and Supply
Rice Resources
Oak Environmental
Rideau Supply

2 **Mexico**

Tecnologia Para La Perforación

3 **UK**

Martin Geotechnical Servies (MGS)

4 **The Netherlands**

Royal Eijkelkamp

5 **France**

DPMF France

6 **Germany**

Martin Geotechnical Servies (MGS)

7 **Spain**

Suministros Andaluces de Perforación S.L.

8 **Australia**

Site Investigation Supply

9 **United States**

Alucast Distribution Center
DSI
N&N Drilling Supply
Rig Source Inc.
2M Company Inc
B&B Supply Inc
ECT Manufacturing Inc
ESP Supply
ESI Supply LLC
Hole Products
Mobile Drill International
Preferred Pump & Equipment
Mountainland Supply Company

Canada

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david.robinson@aquaterraresource.ca

Groundtech Solutions

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ccampbell@wellmaster.ca

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Richard.houghton@mgs.co.uk

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orders@alucastworld.com

2M Company Inc.
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Phone: (308) 337-4460
ccleaver@2mco.com

B&B Supply Inc.
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Denver, CO 80207
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tom.grigg@mountainland.com

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millersville@dsidsi.com

ECT Manufacturing Inc.
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tim@ectmfg.com

ESP Supply
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shane.walker@mountainland.com

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