

# Choosing the Right Materials for Underground Utility Access

A COMPREHENSIVE GUIDE











# The Importance of Choosing the Right Material

*Ensuring Durability, Performance, and Value in Utility Access Solutions* 

For over 175 years, Bingham & Taylor has been a trusted leader in underground utility solutions, known for our commitment to quality, innovation, and engineering excellence. Selecting the right material for underground systems is essential to ensure lasting durability, resilience, and cost-effectiveness, especially under diverse environmental and operational conditions. We carefully consider, research, and engineer our products using the best materials available to meet a variety of needs—from cast iron to advanced plastics and composite options—providing customers with tailored solutions that deliver reliable performance.

In this guide, you'll find an in-depth comparison of our material options, each offering unique advantages for specific uses:

- Cast iron
- Exclusive Bison thick-walled ABS plastic
- ABS standard plastic
- CIP: Combination cast iron and plastic
- Injection-molded polypropylene copolymer
- Rotational-molded polyethylene copolymer
- Fiberglass reinforced polypropylene

Each material offers distinct advantages for specific applications, and our experienced team is here to help you choose the best fit for your project's unique demands.

Explore your options with confidence, knowing that Bingham & Taylors expertise and innovation are behind every product we provide.



# Cast Iron

# OVERVIEW

Cast iron has been a cornerstone material for underground utility applications due to its proven strength and durability. Known for its ability to withstand heavy loads and extreme environmental conditions, cast iron is a reliable choice for long-term infrastructure needs. Protective treatments, like asphalt dipping or powder coating, further enhance its resistance to environmental factors, extending its already impressive lifespan, which often exceeds 100 years.



# CAST IRON PERFORMANCE

The performance of cast iron in underground utility applications is characterized by its robustness and long lifespan. Despite its susceptibility to corrosion in humid or acidic conditions, the material remains reliable with proper care. Protective coatings such as asphalt dipping or powder coating are effective in mitigating corrosion risks, minimizing maintenance needs, and ensuring sustained performance over decades.







# CAST IRON CONSIDERATIONS

**COST:** Cast iron products tend to be more expensive than alternatives like ABS plastic or CIP boxes. Their heavier weight also makes them more physically demanding on workers and equipment, and increases shipping costs. However, these upfront costs are offset by their unmatched lifespan, as cast iron products require less frequent replacement compared to other materials.

# THE CASE FOR AMERICAN-MADE CAST IRON: QUALITY YOU CAN TRUST

Bingham & Taylor's cast iron products are 100% Americanmade, ensuring superior quality and consistency. U.S.manufactured cast iron adheres to stringent standards, delivering the reliability and precision in fit and finish that underground utility applications demand.

In contrast, imported cast iron often struggles with quality control issues, lacking the strength, precision, and consistency required for critical infrastructure. These deficiencies can lead to brittleness, misalignments, and unsafe installations.

Choosing American-made cast iron not only supports compliance with the Build America Buy America Act (BABA) and the American Iron and Steel (AIS) Act but also ensures dependable performance in essential infrastructure projects.





## CAST IRON CONSIDERATIONS

**ENVIRONMENTAL IMPACT:** Bingham & Taylor's cast iron products also offer environmental benefits, being 100% recyclable. This recyclability ensures that our products can be repurposed and reused, mitigating many of the environmental concerns associated with production and disposal.

**INDUSTRY PERCEPTION:** The water industry particularly has long favored cast iron due to its proven track record, with over 175 years of reliable use that underscores its durability and effectiveness.





# CAST IRON APPLICATIONS

Cast iron is specifically well-suited for the following:

## **HIGH-TRAFFIC AREAS**

Where durability and strength are essential.

## **HEAVY LOAD ENVIRONMENTS**

Conditions that require robust support and resistance to impact.

## HARSH ENVIRONMENTAL CONDITIONS

Such as extreme temperatures or exposure to chemicals, where enhanced material resilience is needed.

## PROJECTS WHERE LONG-TERM PERFORMANCE IS CRITICAL

Minimizing the need for frequent replacements.

# DOMESTIC CAST IRON SUPPLY CHAIN BENEFITS

Bingham & Taylor's cast iron products are proudly made in the United States, which offers significant advantages in both production and delivery times. By manufacturing domestically, we can reduce lead times and ensure faster turnaround for our customers.

Additionally, producing in the U.S. helps lower shipping costs, as our

products do not incur the same international freight charges associated with imported goods. This not only enhances efficiency but also provides our customers with high-quality, reliable cast iron products when they need them most, without the delays or added expenses of overseas sourcing.





# **BISON ABS PLASTIC**

# OVERVIEW

Bingham & Taylor's Bison products are crafted from thickwalled ABS (Acrylonitrile Butadiene Styrene) plastic, a durable and impact-resistant material designed to meet the rigorous demands of underground utility applications. Known for its resistance to temperature fluctuations and chemical exposure, ABS plastic provides excellent environmental stability.

Bison boxes include a cast iron lid and rim with thick-walled ABS plastic top and bottom sections, resulting in a strong yet lightweight solution. This innovative construction enhances durability, offering superior impact resistance and loadbearing capacity compared to standard ABS plastic.

# **BISON PERFORMANCE**

Bison products deliver exceptional performance by combining strength, durability, and practicality. The thick-walled ABS plastic construction ensures high resistance to impacts and environmental stresses, enabling these products to withstand heavy loads and challenging conditions.

By integrating cast iron components with ABS plastic, Bison achieves a balance of robust strength and reduced weight. The use of white ABS plastic enhances visibility during field operations, improving safety and precision for crews working in underground utility environments. This lightweight design also simplifies handling and installation, reducing physical strain on workers while maintaining the reliability expected of Bingham & Taylor products.





## **BISON: THE LIGHTER-WEIGHT, SAFER OPTION**

Designed as a superior alternative to imported cast iron, Bingham & Taylor's Bison thicker-walled ABS plastic products offer **substantial weight savings**, with reductions of **up to 80% across various sizes.** For example, a large valve box can weigh as little as 23.1 lbs compared to 113.5 lbs for its cast iron counterpart. This significant weight difference translates to measurable advantages for customers.

Lighter materials mean reduced shipping and handling costs, less physical strain on workers, and **safer installation processes**. The combination of Bison plastic with a cast iron rim and lid provides the durability customers demand while promoting a safer, more ergonomic work environment.

With Bison, crews can move and position products more easily, **reduce wear and tear on their bodies**, **and complete installations more efficiently**—all without compromising on performance.

By choosing Bison, you enhance safety, productivity, and overall job site efficiency.

#### COMPARISON: BISON WEIGHTS VS. CAST IRON

CAST IRON

Screw Type		
EXTENSION	BISON	
DANCE	WEICHT	

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RANGE	WEIGHT	WEIGHT	DIFF.
22-28	15.3	44.5	29.2
27-38	17.1	60.0	42.9
39-50	19.4	74.5	55.1
39-60	20.8	90.5	69.7
51-72	23.1	113.5	94.4

\*Weights in pounds. Weights do not include 13.5 lb. lid

#### Slide Type

EXTENSION	BISON	CAST IRON	
RANGE	WEIGHT	WEIGHT	DIFF.
22-28	15.3	45.5	30.2
27-38	17.1	61.5	44.4
39-50	19.4	74.5	55.1
36-48	18.5	76.5	58.0
39-60	20.8	89.5	68.7
51-72	23.1	112.5	89.4



# **BISON CONSIDERATIONS**

**COST:** Bison offers a cost-effective solution for utility applications. While priced higher than standard ABS plastic, it is competitively positioned against imported cast iron. With its combination of strength, durability, and significant weight savings, Bison products deliver substantial value. These advantages translate to lower shipping costs and safer, more efficient installations, providing long-term benefits that outweigh the initial investment.

## **ENVIRONMENTAL RESPONSIBILITY:**

Bison products align with sustainable practices, as they are fully recyclable. At Bingham & Taylor's extrusion facility, any production waste is reprocessed for reuse, minimizing environmental



impact. This commitment to sustainability ensures that Bison supports environmentally responsible projects while delivering durable, high-performing products.

INDUSTRY PERCEPTION: The Bison series has become a benchmark for innovation in underground utility applications, bridging the gap between traditional cast iron and modern plastics. Recognized for premium quality and cutting-edge design, Bison products are trusted in projects where durability, strength, and lightweight performance are critical, establishing a reputation as a forward-thinking solution in the industry.

# SUPPLY CHAIN & SHIPPING EFFICIENCY

Bison products are manufactured entirely in the U.S., ensuring consistent quality and a streamlined supply chain. Domestic production eliminates the need for international shipping, reducing lead times and minimizing the risk of delays. Bison's lighter weight significantly lowers shipping costs while enhancing handling efficiency. These factors make Bison a smart, reliable choice for demanding utility projects.

# WHEN TO CHOOSE BISON CURB BOXES AND BISON VALVE BOXES

## **HIGH-TRAFFIC AREAS**

Where durability and strength are essential.

## **HEAVY LOAD ENVIRONMENTS**

When robust support and impact resistance to impact is critical.

## HARSH ENVIRONMENTAL CONDITIONS

When facing extreme temperatures or exposure to chemicals, Bison delivers enhanced material resilience.

## LOCATIONS REQUIRING A BALANCE BETWEEN STRENGTH AND WEIGHT

Bison products are easier to handle compared to cast iron but feature greater durability than standard ABS plastic.

## PROJECTS WHERE LONG-TERM PERFORMANCE IS CRITICAL

Offering enhanced durability and long-term performance, Bison products minimize the need for frequent replacements.

## INSTALLATIONS THAT BENEFIT FROM COST-EFFECTIVE SOLUTIONS

Less costly than domestic cast iron, Bison also delivers reduced shipping and handling costs compared to cast iron.

# APPLICATIONS THAT DEMAND QUICK AND RELIABLE SUPPLY

Leveraging the advantages of U.S. manufacturing and reduced lead times.







# ABS STANDARD PLASTIC

## OVERVIEW

ABS (Acrylonitrile Butadiene Styrene) plastic is a lightweight, tough, and durable thermoplastic polymer that has been widely used in the utility industry since the 1960s. Known for its strength, impact resistance, and versatility, ABS plastic offers a lifespan of over 60 years in appropriate applications.

Bingham & Taylor's standard ABS plastic products are manufactured in the United States using blow-



molding techniques, resulting in thicker walls and greater resilience compared to injection-molded alternatives. This superior wall thickness enhances durability and ensures reliable performance in underground utility access. Additionally, the use of white ABS plastic improves visibility during field operations, making inspections and maintenance easier and safer.





## STANDARD ABS PLASTIC PERFORMANCE

Standard ABS plastic is a practical and reliable material for underground utility applications, especially in areas with moderate traffic or less demanding conditions. Its lightweight nature not only simplifies handling and installation but also reduces physical strain on workers, making it a safer choice for field crews.

While less durable than cast iron or Bison products, ABS plastic offers sufficient strength and impact resistance for many utility applications. Its ease of on-site modification adds versatility, allowing for quick adjustments during installation. To ensure maximum stability and performance, Bingham & Taylor recommends pairing ABS plastic products with valve supports and stabilizers.

## STANDARD ABS PLASTIC CONSIDERATIONS

**COST:** Standard ABS plastic provides a cost-effective alternative to heavier materials, typically costing 30–50% less than cast iron. Its reduced weight lowers shipping costs and makes it a budget-friendly solution for projects that do not require the heavy-duty durability of cast iron or Bison products.

**ENVIRONMENTAL IMPACT:** Bingham & Taylor's standard ABS plastic products align with sustainable manufacturing practices. All ABS products are fully recyclable, and any waste material from production is reground and reused in

our extrusion facility. This commitment to reducing environmental impact supports the development of longlasting, eco-friendly solutions.

**INDUSTRY PERCEPTION:** Since its introduction to the gas market in the 1960s, ABS plastic has gained widespread acceptance as a reliable and effective material for underground utility applications. Its long-standing history and proven performance have established it as a trusted choice in the industry.



# WHEN TO CHOOSE STANDARD ABS PLASTIC

## **MODERATE TRAFFIC AREAS**

The lightweight nature of Standard Plastic makes it easy to handle and install, while still providing sufficient durability to withstand moderate foot or vehicle traffic without compromising performance.

### **HUMID ENVIRONMENTS**

The moisture-resistant properties of Standard Plastic ensure that the product maintains its integrity over time, even in consistently damp conditions, where other materials might be prone to corrosion or degradation.

## ACIDIC SOIL CONDITIONS

Standard Plastic offers a reliable solution due to its chemical resistance. Unlike metals that can corrode or degrade when exposed to acidic environments, ABS plastic maintains its structural integrity, providing a longlasting and durable option for underground utility access in challenging soil conditions.

### **PROJECTS WITH BUDGET CONSTRAINTS**

The cost-effectiveness of Standard Plastic makes it an attractive option for projects where budget is a key concern. It provides a balance between affordability and performance, ensuring that you get a reliable product without exceeding project budgets.

### INSTALLATIONS REQUIRING FIELD MODIFICATIONS

The versatility of ABS plastic allows for easier modifications in the field compared to more rigid materials. This makes it an ideal choice for projects that may require on-site adjustments or custom configurations to meet specific installation needs.

#### **PROJECTS WITH TIGHT TIMELINES**

Given its lightweight nature and ease of installation, ABS plastic is well-suited for projects that require quick completion. The faster handling and reduced installation time can help keep projects on schedule and within deadlines.



# CIP: COMBINATION CAST IRON & PLASTIC

# **OVERVIEW**

Our innovative Combination Cast Iron & Plastic (CIP) products integrate a cast iron top section, which delivers exceptional strength and surface durability, with a lightweight ABS plastic base for easier handling and installation.

Designed to balance the best of both materials, the cast iron in CIP products absorb the impact at the surface while offering flexibility and reduced weight below ground. This combination results in a versatile solution that meets the demands of high-traffic and heavy-impact areas without the excessive weight of full cast iron components.

# **CIP PERFORMANCE**

CIP products excel in challenging environments that demand both surface durability and below-ground versatility. The cast iron top section provides reliable protection against heavy loads and highimpact conditions, making it ideal for areas with frequent vehicular traffic or harsh weather.

The ABS plastic base simplifies handling, transportation, and installation, significantly reducing physical strain on workers. Despite its lighter weight, the plastic base maintains structural integrity, ensuring long-term reliability. CIP products are also highly adaptable, offering customization options to meet specific project requirements, further enhancing their performance and versatility.





# **CIP CONSIDERATIONS**

**COST:** With plastic costing and weighing less than cast iron, CIP products deliver savings in material goods, labor, and shipping. CIP products deliver long-term value for budget-conscious projects.

#### **ENVIRONMENTAL IMPACT: CIP**

products align with Bingham & Taylor's commitment to sustainability. Both the cast iron and ABS plastic components are fully recyclable, supporting a circular lifecycle. By combining durable materials with a reduced environmental footprint, CIP products provide a responsible choice for utility projects that prioritize eco-friendly practices.

#### **INDUSTRY PERCEPTION:**

CIP products are increasingly recognized as a modern solution that bridges the gap between traditional cast iron reliability and the flexibility of advanced plastics. Industry professionals appreciate their ability to deliver strength, adaptability, and cost-efficiency, making them a preferred choice for applications requiring a balance of durability and innovation.



# WHEN TO USE CIP

### **REGULAR TRAFFIC AREAS:**

CIP boxes are perfect for moderate traffic areas, offering the strength of cast iron at the surface where it's needed most, while delivering a lighter and easier to handle solution.

## INSTALLATIONS REQUIRING FIELD MODIFICATIONS & FASTER INSTALLATIONS:

CIP boxes with a standard plastic bottom allow for easier adjustments in the field. The lighter weight simplifies installation,

reducing labor costs and time on site.

## PROJECTS WITH BUDGET CONSTRAINTS:

Whether choosing CIP boxes with Bison or Standard Plastic, they are ideal for projects where both performance and budget are important considerations.

## ENVIRONMENTS WITH VARYING LOAD REQUIREMENTS:

The combination of materials makes CIP boxes a flexible option for environments where surface strength is critical but overall load can vary, such as in mixeduse developments or transitional areas between high and low traffic zones.



# Polypropylene Copolymer & Polyethylene Copolymer Meter Pits

## **OVERVIEW**

Bingham & Taylor engineers our meter pits to meet the highest standards of durability, reliability, and performance. Available in either 100% virgin highimpact polypropylene copolymer (injection-molded) or polyethylene copolymer (rotational-molded) to meet diverse project needs.

**100% VIRGIN POLYPROPYLENE COPOLYMER** is a rigid, high-impact material known for its strength and structural integrity. It is particularly suited for applications requiring excellent impact resistance and durability in moderate climates.



Polyethylene Copolymer Rotational-Molded Meter Pit

**POLYETHYLENE COPOLYMER** is a flexible and durable material designed to perform in extreme environmental conditions. Its superior UV stability and resistance to temperature fluctuations make it an ideal choice for outdoor and high-stress applications. These meter pits combine strength with flexibility, adapting to demanding environments without cracking or degrading.

Both materials bring unique advantages, providing versatile options that are lighter and more workerfriendly than traditional cast iron, while offering comparable strength when correctly installed. Their lightweight design significantly reduces shipping costs and lowers overall labor expenses. Material costs of plastic make them a cost-effective solution.



# **100% VIRGIN POLYPROPYLENE COPOLYMER** (INJECTION-MOLDED METER PITS)

## **FLEXIBILITY & DURABILITY**

Polypropylene copolymer is rigid and impact-resistant, offering excellent structural stability in light-duty traffic areas. Its toughness ensures reliable performance under moderate stress and handling conditions.

#### **TEMPERATURE & UV RESISTANCE**

While suitable for a wide temperature range, polypropylene may become brittle in extreme cold, making it better suited for moderate climates. It performs reliably under limited UV exposure but is not as UV-stable as polyethylene.

## CHEMICAL & ENVIRONMENTAL RESISTANCE

This material provides robust resistance to chemical exposure, ensuring longterm reliability in environments where chemical contact is a concern.

### VERSATILITY

Polypropylene meter pits are available in multiple configurations, including straight and bullet-nosed designs, one-piece or two-piece construction, and depths up to 48 inches. These options allow flexibility for various project requirements.

#### INJECTION-MOLDED METER PITS MATERIAL SPECIFICATIONS

PHYSICAL PROPERTY	ASTM TEST METHOD	MINIMUM VALUES
High-Impact Copolymer Polypropylene	D-5857	-
Specific Gravity	D-1505	0.9 g/cc
Tensile Strength	D-638	3,200 psi
Elongation at Yield	D-638	9%
Flexural Modulus	D-790	140,000 psi
Heat Distortion Temp (66 psi)	D-648	165° F
Melt Flow Rate @ 230°C	D-1238	4 g/10 min



2-Piece Injection-Molded Meter Pit



# POLYETHYLENE COPOLYMER (ROTATIONAL-MOLDED)

## **FLEXIBILITY & DURABILITY**

Polyethylene copolymer offers superior flexibility compared to polypropylene, enabling it to withstand impacts and extreme conditions without cracking. This resilience makes it ideal for very cold climates and high-stress applications.

### **TEMPERATURE & UV RESISTANCE**

Polyethylene excels in both high and low temperatures, maintaining its structural integrity in extreme environments. Its enhanced UV stability ensures long-term durability for outdoor applications exposed to sunlight.

## CHEMICAL & ENVIRONMENTAL RESISTANCE

This material resists degradation from exposure to sunlight, chemicals, and weather, making it highly reliable in challenging environmental conditions.

### VERSATILITY

Rotationally molded polyethylene pits are designed with dual pipe entry options (3" and 4") and are available in various sizes. A rigid base prevents settling, while the white interior enhances visibility during inspections and maintenance.

## ROTATIONAL-MOLDED METER PIT MATERIAL SPECIFICATIONS

PHYSICAL PROPERTY	ASTM TEST METHOD	MINIMUM VALUES
Specific Gravity	D-792	0.94 g/cc
Tensile Strength	D-638	2,900 psi
Elongation at Yield	D-638	12%
Flexural Modulus	D-790	119,000 psi
Heat Distortion Temp (66 psi)	D-648	144° F
Melt Flow Rate @ 190°C	D-1238	3.5 g/10 min



Rotational-Molded Meter Pit





# ENVIRONMENTAL IMPACT

Bingham & Taylor's commitment to sustainability extends to both polypropylene and polyethylene meter pits, ensuring long-term environmental responsibility:

- **Sustainability of Materials:** Both polypropylene and polyethylene copolymers are engineered for durability, minimizing the frequency of replacements and reducing overall material waste.
- **Recyclability:** Meter pits made from these materials are fully recyclable, allowing them to be repurposed at the end of their useful life. This approach supports a circular economy, reducing the need for virgin resources.
- Resilience in Extreme Conditions: The ability of these materials to withstand harsh environmental conditions, such as UV exposure and temperature extremes, ensures a longer product lifecycle, further reducing environmental impact.
- **Manufacturing Efficiency:** Polypropylene's injection-molded production process and polyethylene's rotational molding reduce material waste during manufacturing, aligning with Bingham & Taylor's sustainability goals.

By choosing these materials, customers benefit from both high performance and reduced ecological footprints.



# CHOOSING THE RIGHT METER PIT

### POLYPROPYLENE COPOLYMER INJECTION-MOLDED METER PITS

**COST-SENSITIVE PROJECTS:** Ideal for projects requiring durability on a budget, injection-molded meter pits are lightweight, delivering reduced material and shipping costs.

#### **PEDESTRIAN AND LIGHT-DUTY TRAFFIC**

**AREAS:** These meter pits are designed for pedestrian areas and light-duty traffic, offering necessary strength without the weight of cast iron, ensuring reliable performance in low-impact settings

#### **QUICK DELIVERY AND SETUP:** With

rapid manufacturing and shipping times, injection-molded pits are ideal for tight timelines, simplifying installation and speeding up project completion.

#### **TEMPERATURE-VARIABLE**

**ENVIRONMENTS:** Withstanding -40°F to 140°F, these pits perform reliably in diverse climates, ideal for installations affected by extreme temperatures.

#### VARIABLE DEPTH CONFIGURATIONS:

Available in 1- or 2-piece units with extensions up to 48", these pits adapt easily to varying depths for flexible site requirements.

#### POLYETHYLENE COPOLYMER ROTATIONAL-MOLDED METER PITS

#### **CHALLENGING ENVIRONMENTS: Built**

to endure harsh conditions, rotationalmolded pits resist extreme weather and UV rays, offering long-term durability in tough settings.

#### **HIGH STRENGTH WITH FLEXIBILITY:**

With a 20,000 lb. load rating and dual pipe entries, these pits provide both strength and adaptability for installations needing customized configurations.

#### **REMOTE INSTALLATIONS:** Easy to

install and resistant to settling, these pits are dependable for remote areas with limited maintenance.

#### **EXTREME TEMPERATURE RESILIENCE:**

With a range of -40°F to 140°F, rotationalmolded pits suit environments facing both high heat and intense cold.

Both of our Meter Pit materials and styles deliver:

## **ENHANCED VISIBILITY FOR INSPECTIONS:**

A white interior improves visibility inside the pit, aiding inspections and repairs where clarity and access are essential.



# Maverick Composite Meter Lids

Our Maverick Meter Lids are crafted from fiberglass reinforced polypropylene, offering an optimal blend of rigidity and structural integrity. This advanced composite material withstands high-stress environments and has a proof load rating of 20,000 lbs, ensuring reliability and strength in demanding conditions.





# MAVERICK: PERFORMANCE AND VERSATILITY

The material and unique underside ribbing design make these lids highly durable and resistant to impact, wear, and fatigue, delivering a long service life under challenging conditions, including mechanical stress. They are resistant to environmental degradation, including UV radiation, moisture, and temperature extremes.

They're also cost-effective for applications requiring strength and resilience without compromising accessibility and ease of installation.



Additionally, their compatibility with various AMI/AMR transmitters adds significant versatility, offering options for both thru-hole and underside mounting.



# MAVERICK: ENVIRONMENTAL DURABILITY AND INDUSTRY PERCEPTION

Maverick Meter Lids are engineered to excel in the face of environmental challenges, including prolonged exposure to UV radiation, moisture, and extreme temperatures. The advanced composite material resists degradation, ensuring long-lasting performance even in the harshest conditions

This resilience not only reduces the need for frequent replacements but also supports a sustainable, lowmaintenance approach to underground utility access. By delivering durability and reliability, Maverick Lids meet and exceed industry expectations for high-performance, environmentally conscious solutions. The increasing adoption of composite materials across the industry reflects a shift toward lightweight, durable, and sustainable products, aligning with the growing demand for innovation in critical infrastructure solutions.

Maverick Lids meet and exceed industry expectations for high-performance, environmentally conscious solutions that stand the test of time.

# WHEN TO CHOOSE MAVERICK LIDS

**HIGH-STRESS ENVIRONMENTS:** Maverick composite lids are ideal for installations where durability and load-bearing capacity are essential. The fiberglass reinforced polypropylene construction withstands heavy use with a proof load rating of 20,000 lbs.

HARSH ENVIRONMENTAL CONDITIONS: Select Maverick lids in areas prone to

UV exposure, moisture, or extreme temperatures. Their composite material resists degradation, ensuring long-lasting performance in challenging climates.

**PROJECTS UTILIZING AMI/AMR TECHNOLOGY:** For installations needing compatibility with AMI/AMR transmitters, Maverick lids offer versatile options for mounting through or underneath the lid, making them a seamless choice for advanced metering applications.





# CHOOSING THE RIGHT PARTNER For Your Project

Selecting the ideal material for your underground utility access project is crucial to achieving durability, cost-efficiency, and compliance with industry standards. Each material offers distinct benefits tailored to different project demands, making it essential to evaluate your specific needs and challenges carefully.

With Bingham & Taylor's diverse range of solutions—including cast iron, standard ABS plastic, proprietary Bison ABS plastic, CIP, and Maverick composite lids—you have the flexibility to choose materials that align with the unique requirements of your installation. Each product is backed by our 50-year warranty, ensuring reliability and longevity when properly installed.

Our experienced sales managers are here to guide you in selecting the best material for your conditions, budget, and performance expectations. Drawing on industry expertise and decades of experience, we work with you to develop a solution that maximizes value while meeting both immediate and long-term needs.

Partner with Bingham & Taylor to ensure the success of your project with materials and support you can trust.

# The Bingham & Taylor Difference

Bingham & Taylor prides itself on providing timely service and quality products backed by a knowledgeable and dedicated staff. We have a history of moving the industry forward by listening to our customers and constantly working towards new approaches to every step of our process. We believe that if we're not moving forward, we're falling behind.

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