



TM

Detectamet

manufacturer of detectable products

Detectable Pen Guide

Our extensive range of metal & X-ray detectable pens, markers & refills will keep you writing in any production environment

TAKE A LOOK AT
OUR PATENTED,
FULLY DETECTABLE
REFILLS!

Detectamet Detectable Pen Guide



detectamet.global



Accreditations

At Detectamet we take our business very seriously, which is why we are ISO accredited in 9001: Quality Management, 14001: Environmental Management and 45001: Occupational Health and Safety Management

Detectable Pen and Marker Selection

Detectamet's detectable pens are manufactured from a specially formulated **food contact approved polymer** and combine **metal and X-ray detectability**.

The bodies of our pens are flexible and shatter-proof, making them ideal for use in food processing plants to help achieve safety and compliance. For customers, auditors and inspectors, the use of detectable stationery is an excellent indicator of due diligence in the prevention of foreign body contamination.

We manufacture & distribute pens that are able to write on a variety of surfaces, including glass, metals, food, whiteboards and most plastics as well as card and paper. Detectamet can even provide pens with the ability to write through grease and in cold stores. We can personalise our metal detectable pens to suit your company needs.

Your pens can be branded or numbered for traceability - please speak to our friendly team for more information.



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Detectamet Pens - Features & Capabilities

Take a look at our key to learn more about our pens and their capabilities



General

Detectamet's pens are ergonomically designed for long periods of use.



Chilled

Our gel pen works in low temperatures, ideal for use in chilled areas.



Freezing

Our cryo pens can write in extremely low temperatures down to -20°C (-4°F) in areas such as cold stores.



Wet/Damp

Our specially developed Detectamet Cryo Pens won't smear when used on damp surfaces.



Powdery Environments

Our Cryo Pens will continue to write even in powdery environments. This is most useful in mills and bakeries.



Enclosed Environments

For tight environments you need a pen that can write at unusual angles - our cryo pens are perfect for this.



Wipeable

Our whiteboard pens write clearly whilst being easy to wipe off.



Meat/Food

Our meat/food ink can mark your product and is also safe to consume. Marking meat and food is essential for tracking produce.



Packaging

We have a wide range of marker pens for clearly visible, accurate marking to suit all your requirements.



Labels & Tags

Our fine marker allows you to write clearly on a waxy surface permanently.



Touch Screen

Our range of styluses are suitable for passive and capacitive touch screens.



One-Piece Pens

Our most BRCGS-compliant pen style, conforming to 'Global standards for food safety' section 4.9.6.2.



Split Ring

Many of our pens can be attached to a split ring, safety chain or lanyard.



Refillable

Many of our pens can be refilled to reduce waste. Please see our refill selection on page 11.



Ask us about pad printing or laser engraving our detectable pens for added traceability!



Detectamet Fully Metal & X-Ray Detectable Refill

The world's first fully detectable refill

Our fully detectable refill is one of a kind - manufactured from our metal & X-ray detectable polymer.

Designed to reduce detectable plastic waste

Using our detectable refills reduces detectable plastic waste by 75%.

Detectable throughout

Every component of the refill is detectable, including the housing and end cap.

Well suited

Our standard & fine-tip ink refills are perfect for ambient conditions: 0°C up to 30°C (32 to 86°F). For writing in more extreme conditions, take a look at our Cryo refill on page 16.

Patented product

Our fully metal & X-ray detectable refill is patented under publication no. WO 2020/188263.

Compatible

Our fully detectable refill is compatible with our best-selling HD & Elephant Pens, as well as with our metal retractable & stick pens.



Long lasting

Our standard & fine tip refills continue writing for approximately 9,400 m (30,840').

Shatter proof

Designed to be shatter resistant throughout to avoid small pieces entering food manufacturing lines.

Ink types & colours

Standard Ink: Available in 4 colours:



Fine-tip Ink: Available in 2 colours:



Best Selling Detectable Pens!

A strong loop

To provide users with a resilient loop for lanyard clips, safety chains or split rings.

A pocket clip that lasts

Strong and virtually unbreakable, with a natural connection and grip. Available in three different styles: With Clip, Lanyard Attachment, No Clip.

Own branding & sequential numbering

Pad printing & laser engraving leads to enhanced traceability for your products. We can add both own-branding and sequential numbering on a great range of our detectable pens.

Textured finish

Enhanced grip with an 'all over' textured surface to enable holding across a wide range of wet, dry and hot, cold or ambient environments.

Detectable throughout

Every component of the pen is detectable, including the housing, end cap, spring and refill.

Refillable

Refillable with a variety of ink options to minimise housing wastage - take a look at our refill options on page 16.

Cartridge compatibility

Standard, Pressurized, Gel and Fine-tip cartridge types will fit securely. Standard/Gel available in Black, Blue, Red and Green. Pressurized/Fine-tip available in Black and Blue.



HD Pen



Maximise end cap usefulness

Interchangeable end caps to signify the ink colour, the ink type, HACCP or seniority signifier. There are nine end cap colours available:



Reliable and easy retraction

There's a large button to deliver a smooth action with continuous easy retraction and inbuilt protection against loss of end cap.

Shatter proof

Designed to be shatter resistant throughout to avoid small pieces entering food manufacturing lines.

Retracts every time

Stainless steel spring for a smooth and easy retract every time.

Ergonomic grip

Built-in natural hold area for ease of grip with or without gloves.

Detectable housing

Metal detectable and X-ray visible pen housings meeting FDA and EU regulations for safe food contact.

Available in nine detectable colours:



Maximum strength yet lightweight

Made from our extremely strong and durable polymer whilst only weighing 13 grams.

Elephant Pen designed by the Aircraft and Space Engineering Department at a leading UK University

Detectable Retractable Elephant Pens



Made In:
UK
USA

Elephant Pen Standard Ink

104-I01-C11-PA01

Our Elephant Standard Ink pen is perfect for writing in temperate conditions, with a sturdy, fully detectable housing available in 9 colours.



General



Split Ring



Refillable

Housing Colours:



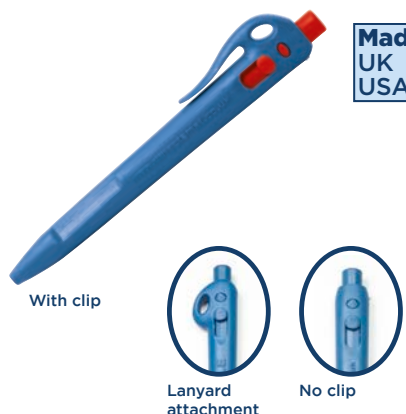
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



Made In:
UK
USA

Elephant Cryo Pen Pressurised Ink

104-I11-C13-PA01

Our Elephant Cryo pen is the top of the range detectable pen providing you with the most diverse and powerful range of applications. Featuring a red end cap as standard to indicate cryo ink type.



General



Split Ring



Refillable



Chilled



Freezing



Wet/Damp



Powder



Enclosed

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



Made In:
UK
USA

Elephant Pen Gel Ink

104-I21-C16-PA01

Our Gel Pen provides you with an enhanced performance compared to our standard pen. Featuring a white end cap as standard to indicate gel ink type.



General



Split Ring



Refillable



Chilled

Housing Colours:



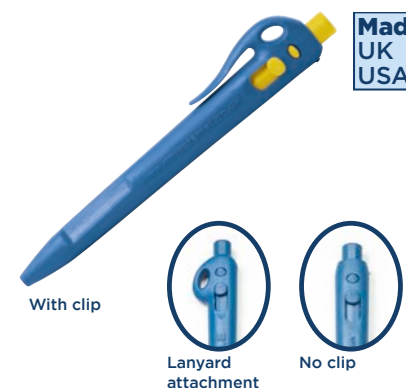
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



Made In:
UK
USA

Elephant Pen Fine-tip Ink

104-I31-C15-PA01

The Elephant Fine Tip Pen is ideal for use when a finer writing tip is needed. Maximum strength yet lightweight. Featuring a yellow end cap as standard to indicate fine tip ink type.



General



Split Ring



Refillable

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50

Detectable Retractable HD Pens

HD Pen Standard Ink

101-I01-C11-PA01

Detectamet's Heavy Duty pen is perfect for writing in temperate conditions, with a sturdy, fully detectable housing available in 9 colours.

Housing Colours:



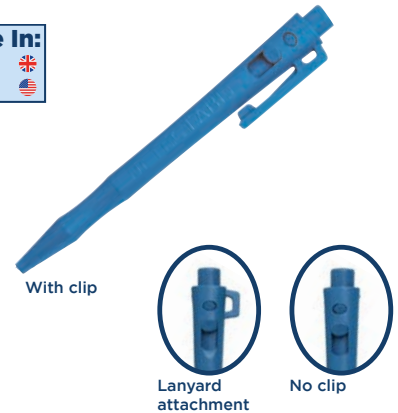
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
UK
USA



Pack of 50



HD Cryo Pen Pressurised Ink

101-I11-C13-PA01

The HD Cryo Pen is the highest performing pen of the HD range, providing you with the most diverse and powerful range of applications. Featuring a red end cap as standard to indicate cryo ink type.

Housing Colours:



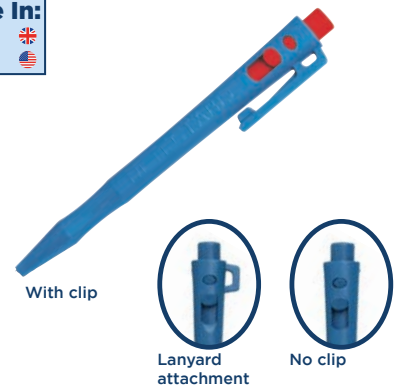
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
UK
USA



Pack of 50



HD Pen Gel Ink

101-I21-C16-PA01

The retractable HD Gel provides you with an enhanced performance compared to our standard pen. Featuring a white end cap as standard to indicate gel ink type.

Housing Colours:



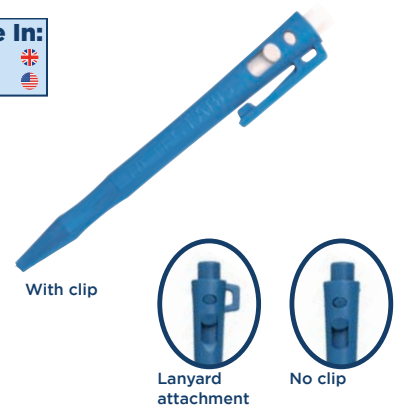
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
UK
USA



Pack of 50



HD Pen Fine-tip Ink

101-I31-C15-PA01

The retractable HD Fine Tip is ideal for when a finer writing tip is needed. Featuring a yellow end cap as standard to indicate fine tip ink type.

Housing Colours:



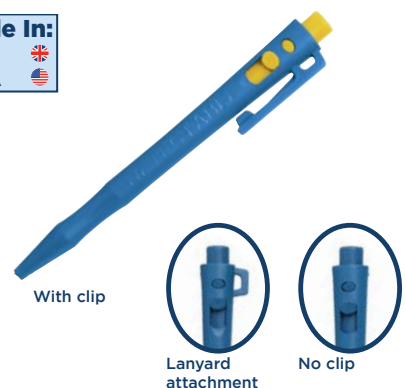
Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
UK
USA



Pack of 50



Detectable Retractable Pens

Economy Pen

125-P01-I01

The detectable retractable Economy Pen is Detectamet's cheapest entry into the retractable pen market. Metal and X-ray detectable whilst being cost effective.



General



Refillable

Housing Colours:



Ink Colours:



Body Styles:

- With clip

Pack of 50

2-in-1 Touch Screen Pen

121-T202-C101-I01

The 2-in-1 detectable touch screen pen includes a retractable ballpoint pen and a universal stylus pen that is compatible with capacitive touch screens.



General



Refillable



Touch Screen

Housing Colours:



Ink Colours:



Body Styles:

- With clip

Pack of 10

Longest Writing Pen

149-A06-P01

Contains enough ink to write up to 12,500 meters (39370'). On top of its incredible writing length, this pen is also refillable. Featuring metal & X-ray detectable housing & lid.



General



Refillable

Housing Colours:



Ink Colours:



Body Styles:

- Lid with clip

Pack of 10

4-in-1 Pen

108-A05

Metal detectable & X-ray visible '4 in 1' pen. Designed for convenient colour switching when more than one colour is needed. Ideal for marking and maintenance checks.



General

Housing Colours:



Ink Colours (In pen):



Body Styles:

- Retractable with clip

Pack of 10

Detectable One Piece Stick Pens

One-piece Elephant Stick Pen

105-C101-I01-PA01

Our Elephant One-piece Pen has no moving parts. With its clever one-piece design, it reduces the chance of foreign body contamination. Our one-piece pens are a popular choice for use in open product areas.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
 UK
 USA



With clip



Lanyard attachment



No clip

Pack of 50



General



Split Ring



One Piece

One-piece HD Stick Pen

116-I01-C101-PA01

Our HD One-piece Pen has no moving parts. With its clever one-piece design, it reduces the chance of foreign body contamination. Our one-piece pens are a popular choice for use in open product areas.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Made In:
 UK
 USA



With clip



Lanyard attachment



No clip

Pack of 50



General



Split Ring



One Piece

Detectable Marker Pens

Retractable Whiteboard Marker

145-A05 & 145-N-A05

Available with a bullet or chisel tip and push button retraction. Ink is erasable when used on whiteboards.

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Made In:
 UK
 USA



Pack of 10



Split Ring



Whiteboard

Whiteboard Marker

W145

Metal and X-ray detectable with non toxic refills. Available with a bullet or chisel tip. Ink is erasable when used on whiteboards.

Housing Colours:



Ink Colours:



Body Styles:

- Lid with clip

Made In:
 UK
 USA



Pack of 10



Whiteboard



Detectable Marker Pens



Retractable Permanent Marker

146-A05 & 146-N-A05

Metal and X-ray detectable with non toxic refills. Available with a bullet or chisel tip & push button retraction.



Split Ring



Packaging

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Pack of 10



Permanent Marker

W146

Metal and X-ray detectable with non toxic refills. Available with a bullet or chisel tip.



Packaging

Housing Colours:



Ink Colours:



Body Styles:

- With clip

Pack of 10



Retractable Fine-tip Permanent Marker

147-A05-P02

This Fine-tip Marker uses high intensity permanent ink and is suitable for writing on labels and shiny/greasy paper.



General

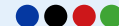


Packaging

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Pack of 10



Fine-tip Marker

147-A06-P02

High intensity non erasable ink. Ideal for labels and shiny greasy paper. Can write in approx -20°C (-4°F) to 60°C (140°F).



General



Chilled



Freezing



Labels/Tags

Housing Colours:



Ink Colours:



Body Styles:

- Lid with clip

Pack of 10

Detectable Food Marker Pens & Highlighters

Retractable Meat Marker

148-T041-P01

Metal and X-ray detectable with non toxic refills. Bullet tip style. Special sealing system and push button retraction. Ink designed for marking meat.



Split Ring Meat/Food

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Pack of 10



Retractable Food Marker

148-T040-P01

Metal and X-ray detectable with non toxic refills. Bullet tip style. Special sealing system and push button retraction. Ink designed for marking food.



Split Ring Meat/Food

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Pack of 10



Retractable Highlighter

150-A05-P01-A08

Metal and X-ray detectable with non toxic refills. Chisel tip style. Special sealing system and push button retraction. Great for highlighting & underlining.



General Split Ring Refillable

Housing Colours:



Ink Colours:



Body Styles:

- Retractable with clip

Pack of 5



Highlighter

150-A06-T154

Metal and X-ray detectable with non toxic refills. Chisel tip style. Great for highlighting & underlining.



General

Housing Colours:



Ink Colours:



Body Styles:

- Lid with clip

Pack of 5



Retractable Metal Pens



Stainless Steel Pen Standard Ink

114N-A05-10

This standard ink pen has a stainless steel finish and is available with 4 ink colours.



General



Refillable

Housing Colours:

Stainless Steel

Ink Colours:



Body Styles:

- With clip

Pack of 10



Stainless Steel Cryo Pen Pressurised Ink

114N-A05-11

A sleek stainless steel finish pen with all the benefits of our cryo refill. An extremely diverse pen with great writing quality.



General



Refillable



Chilled



Freezing



Wet/Damp



Powder



Enclosed

Housing Colours:

Stainless Steel

Ink Colours:



Body Styles:

- With clip

Pack of 10



Stainless Steel Pen Gel Ink

114N-A05-12

This pen has a stainless steel finish and offers you four colours of gel ink. Ideal for use in cooler environments.



General



Refillable



Chilled

Housing Colours:

Stainless Steel

Ink Colours:



Body Styles:

- With clip

Pack of 10



Stainless Steel Pen Fine-tip Ink

114N-A05-13

If a finer writing pen is needed then this is the ideal option. Available in two ink colours and offers finer writing compared to our standard pens.



General



Refillable

Housing Colours:

Stainless Steel

Ink Colours:



Body Styles:

- With clip

Pack of 10

Metal Stick Pens

Metal Stick Pen Standard Ink

610-10

This sturdy and reliable metal stick pen is an ideal alternative to our detectable plastic range.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



General



Split Ring



Refillable



Metal Stick Pen Pressurised Ink

610-11

This metal alternative to our plastic pressurised pen offers you our top grade cryo refill. Ideal for a range of writing environments.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



General



Split Ring



Refillable



Chilled



Freezing



Wet/Damp



Powder



Enclosed



Metal Stick Pen Gel Ink

610-12

This metal stick pen offers your the benefits of our gel refill. The pen offers four ink colours and the benefit of writing in cooler conditions.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



General



Split Ring



Refillable



Chilled



Metal Stick Pen Fine-tip Ink

610-13

This pen offers a fine tip for more precise writing over a standard refill. Available in two ink colours.

Housing Colours:



Ink Colours:



Body Styles:

- With clip
- Lanyard attachment
- No clip

Pack of 50



General



Split Ring



Refillable





Detectable Mechanical Pencil & Touch Screen Stylus

Mechanical Pencil

131-C100-I50

The pencil has a metal detectable outer body. Made from metal with a blue finish giving clear visual and machine detection. We also supply replacement lead.



General



Refillable

Housing Colours:



Ink Colours:

Pencil Lead

Body Styles:

- With clip

Pack of 10



PDA Touch Screen Stylus

122P-P01

The Detectamet stylus is made of a firm but non-scratching plastic to "write" on non-capacitive screens such as Personal Digital Assistants (PDAs).



General



Split Ring



Touch Screen

Housing Colours:



Body Styles:

- With clip

Pack of 10



Own Branding



We can customise any of our pens with your branding by either **laser engraving** or **pad printing** onto the pen.



Speak to your nearest Detectamet branch for more information.

Detectamet Fully Metal & X-Ray Detectable Refill

The world's first fully detectable refill

Our fully detectable refill is one of a kind - manufactured from our metal & X-ray detectable polymer.

Refillable

Refillable with a variety of ink options to minimise housing wastage - take a look at our refill options on page 16.

Designed to reduce detectable plastic waste

Using our detectable refills reduces detectable plastic waste by 75%.

Detectable throughout

Every component of the refill is detectable, including the housing and end cap.

Well suited

Our standard & fine-tip ink refills are perfect for ambient conditions: 0°C up to 30°C (32 to 86°F). For writing in more extreme conditions, take a look at our Cryo refill on page 16.

Patented product

Our fully metal & X-ray detectable refill is patented under publication no. WO 2020/188263.

Compatible

Our fully detectable refill is compatible with our best-selling HD & Elephant Pens, as well as with our metal retractable & stick pens.

HD Pen **elephant**
WATERMARK PEN

Long lasting

Our standard & fine tip refills continue writing for approximately 9,400 m (30,840').

Shatter proof

Designed to be shatter resistant throughout to avoid small pieces entering food manufacturing lines.

Ink types & colours

Standard Ink: Available in 4 colours:



Fine-tip Ink: Available in 2 colours:



Refills



Fully Detectable Standard Ink Refill

100-15

The world's first fully detectable refill, ensuring you comply with BRCGS Version 8, section 4.9.6.2.



General

Ink Colours:



Compatible With
 Retractable HD Pen
 Retractable Elephant Pen
 Retractable Metal Pen
 Metal Stick Pen

Pack of 100



Fully Detectable Fine Tip Refill

100-17

The Fine-tip Ballpoint Pen refill has been developed for users who require extremely fine writing without losing any sharpness.



General

Ink Colours:



Compatible With
 Retractable HD Pen
 Retractable Elephant Pen
 Retractable Metal Pen
 Metal Stick Pen

Pack of 100



Fully Detectable Gel Ink Refill

100-12

Ideal for use in chilly conditions where a standard refill would not be suitable. Available in 4 ink colours.



General



Chilled

Ink Colours:



Compatible With
 Retractable HD Pen
 Retractable Elephant Pen
 Retractable Metal Pen
 Metal Stick Pen

Pack of 100



Cryo Ink Pressurised Refill

100-11

The cryo refill is the most diverse of the range. It allows you to write in, freezing, wet/damp, powdery environments and will also write at any angle.



General



Chilled



Freezing



Wet/Damp



Powder



Enclosed

Ink Colours:



Compatible With
 Retractable HD Pen
 Retractable Elephant Pen
 Retractable Metal Pen
 Metal Stick Pen

Pack of 100

Refills

Economy Pen Refill

117

Standard ink refill for our Economy Pen. Available in 4 colours.

Ink Colours:



Compatible With
Retractable Economy Pen

Pack of 100



General



Retractable Highlighter Refill

156

The best way of extending your detectable retractable highlighters life is with our retractable highlighter refills. Available in five colours.

Ink Colours:



Compatible With
Retractable Highlighter

Pack of 5



General



Sequential Numbering

Sequential numbering is essential for traceability in the workplace. All of our pens can be laser engraved with a custom sequential numbering sequence to meet your specification.

Speak to your nearest Detectamet branch for more information.





Affiliated Products



Fully Detectable Lanyards

154D

Our fully detectable silicone lanyards are perfect for hanging items around the neck thanks to the split ring and clip. The intelligent detectable break-away clasp allows the user to reattach their detectable lanyard if it were to break apart.

Lanyard Colours:



Pack of 10



Split Ring & Safety Chains

155-P32

Our 304 stainless steel safety chains are 762mm (30.00") in length, with safety feature designed to break if caught in a machine.

Our split rings are 20mm (0.78") in diameter, suitable for use with all Detectamet products which come with a clip.

Pack of 10



Pen Tether

153

500mm (19.68") safety chain with split ring and clip at either end. Ideal for attaching to a clipboard, ring binder or anchor point on a desk or wall.

Pack of 10



Pen Tether with Detectable Pen Grip

153

Featuring a split ring and clip at one end, and a detectable pen grip at the other end, our Pen Tether is ideal to support pens that do not have a clip to fasten.

Pack of 10

Affiliated Products

Detectable Pen Dispenser

431-A241

Our wall mountable metal and X-ray detectable pen dispenser keeps our detectable pens organised & accessible. Available in 9 colours (blue, black, red, green, yellow, white, purple, orange, pink) for colour coding opportunities in your production facility.

Holder Colours:



Made In:
UK
USA



Sold Individually

Detectable Pen Holder

159E

Our wall mountable metal and X-ray detectable pen holder keeps our detectable pens organised & accessible. Available in 9 colours (blue, black, red, green, yellow, white, purple, orange, pink) for colour coding opportunities in your production facility.

Holder Colours:



Made In:
UK
USA



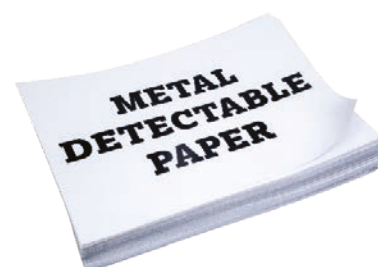
Sold Individually

Metal Detectable Paper

251-S04-P06

Detectamet's metal detectable paper is tear, water, oil, grease and weather resistant, making it ideal for use in a wide variety food production applications where durability and contamination control is vital. The durability of Detectamet's detectable paper comes from a patented paper/film/paper laminating process that delivers the toughness of a synthetic sheet with the benefit of an uncoated paper surface.

Pack of 25, 50 or 100 Sheets



Detectable Magnetic Pen Holders

308-T189

Keep your detectable markers safely attached to your whiteboard or clipboard with these magnetic pen holders.

Pack of 10

