BLUE SUPPLY COMPANY

bluesupplycompany.com | (888) 585-8725
189 Quincy Ave, Long Beach, CA 90803

TWIST METAL PENS

QUALITY YOU CAN COUNT ON

Product Description:

These stainless steel pens feature a twist-action retractable nib and a robust construction that minimizes the risk of parts detaching. The high-quality solid base ink cartridge ensures longer-lasting ink, up to six months depending on usage.

Advantages

- Detectable by in-line metal detection systems & x-ray inspection systems
- Twist action retractable nib mechanism
- Strong & durable stainless steel based metal material
- Feature a metal clip with blue or black writing ink
- Can be used with BST ink refills with detectable end caps
- Displays due diligence in the prevention of foreign body contamination

Housing Material
Stainless Steel

Cartridge Material
Stainless Steel

Pack Quantity
10

Pack Weight
7.76 oz.

Body Colors Available
Silver

Ink Colors Available
Blue Black

Ink Specs
- ✓ Temperature Range 41°F - 86°F
- ✓ Unpressurised ink
- ✓ MITI Listed (Japan)
- ✓ ISO 12575 - 2 DOC G2
- ✓ ISO 12575 - 2 DOC H
- ✓ ISO 12575 - 2 G2
- ✓ ISO 12575 - 2 DOC A2
- ✓ ISO 12575 - 1 A M
- ✓ TSCA Listed (USA)
- ✓ ISO 12757 - 1
- ✓ ISO 12757 - 2

Item Number
D1029

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TESTING RESULTS

X-Ray Visibility

X-ray visibility depends on material density, so our Detectable Polypropylene includes a food-safe, high-density additive for improved detection. Testing shows consistent positive readings for whole pens and fragments as small as 5mm, though detection may be reduced when fragments are buried in denser products. Performance varies by product type and density, so we recommend professional testing and potential recalibration of x-ray inspection systems to ensure reliable detection.

Metal Detectability

Our Detectable Polypropylene Co-Polymer is an electromagnetically detectable and x-ray visible plastic, with a stainless steel ink cartridge. Metal detectability varies based on factors such as calibration levels, product type, aperture dimensions, and orientation, with the “orientation effect” influencing detection sensitivity. Our testing used a worst-case scenario approach, equating pen components to ferrous ball test piece equivalents for calibration ease. As metal detector sensitivity varies, BSC recommends professional testing and potential recalibration of detection systems to ensure reliable performance. UKAS-accredited test pieces are available for purchase.