

# Test Samples

## SAFELINE

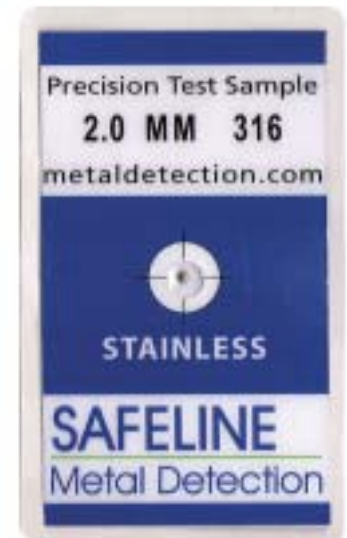
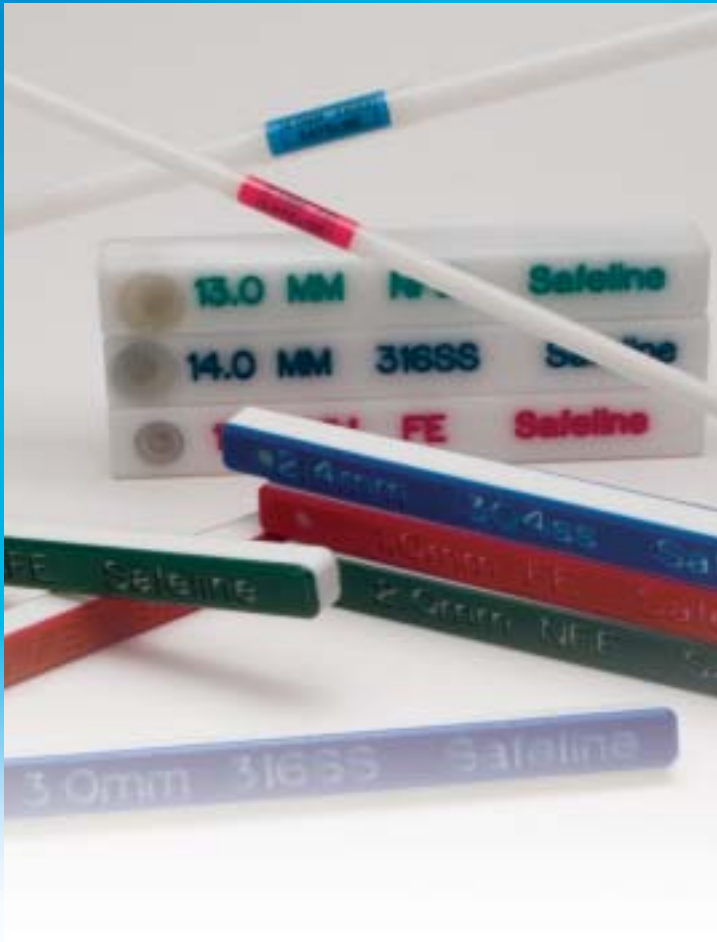
Metal Detection & X-ray Inspection

### Metal Detector Test Samples

Ferrous

Non-Ferrous

Stainless Steel



**Metal Detector Performance Testing**  
making your products safer

**METTLER TOLEDO**

# Precision Metal Detector Test Samples



Testing the performance of your metal detector system both prior to and during production runs is the only way to ensure your line is fully protected from metal debris contamination. It is an essential part of a product quality management system including ISO 9000, Hazard Analysis Critical Control Point (HACCP) and Good Manufacturing Practice (GMP). METTLER TOLEDO SAFELINE, the leading manufacturer of metal detectors worldwide, offers a wide range of individual test samples and kits to simplify this process. Our test samples are carefully assembled under laboratory conditions with precision test spheres in Chrome (Ferrous), Brass (Non-ferrous), Stainless Steel 304, Stainless Steel 316 and Stainless Steel 440.

Test Sample style and size depends on the metal detector style, sphere size and your testing protocol:

**Laminated Test Cards** for test spheres from 0.3 to 3.0mm in diameter on conveyor-fed metal detectors

**Test Sticks** in two sizes for sphere sizes over 3.2 to 14.0mm on conveyor-fed metal detectors

**Test Wands** in two sizes with two test spheres (from 0.3 to 5.0mm each) per wand for manual insertion and retraction on gravity fall and pipeline metal detectors

**Test Tablets** for test spheres from 0.3 to 3.0mm on pharmaceutical gravity fall metal detectors

**Test Disks** for test spheres from 0.3 to 3.0mm on gravity fall metal detectors

**Test Balls** in six sizes for gravity fall and pipeline metal detectors

**Test Plugs** in two sizes for easy identification and retrieval on either conveyor-fed or gravity fall metal detectors

**Test Spheres** only



# NIST Conformance Certificates Available

Certified test samples are extremely valuable in documenting the integrity of your quality assurance plan. Any METTLER TOLEDO Safeline test sample can be ordered with a Certificate of Conformity to National Institute of Standards and Technology (NIST) standards. Each certified test sample is assigned its own unique control number and NIST Certificate of Conformity confirming source traceability for the test sphere(s). It is then individually tested in our Test Sample Laboratory.



## Performance Verification Kits

METTLER TOLEDO Safeline offers a range of self-contained Metal Detector Performance Verification Kits. Each kit contains six precision test samples in a rugged plastic case. Each sample has a unique control number and Certificate of Conformance.

- Laminated Test Cards for use in conveyor applications.
- Test Sticks for use in conveyor applications.
- Test Tablets for use in pharmaceutical applications.



METTLER TOLEDO Safeline Test Samples and Kits can be ordered on our website, by e-mail, by fax or by calling our Parts Sales Department. We encourage you to use our precision test samples to test all of the metal detectors in your plant regularly.

**Safeline - Making your products safer.**

[www.mt.com/safelineus](http://www.mt.com/safelineus)

Visit for more information

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Subject to technical changes

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