

## CERTIFICATE OF CONFORMITY

### Test Pieces, 0.5mm Ferrous

Product Code	Product Detail
P8980-05	Metal Detectable Test Wand 0.5mm Ferrous

### Contaminant

<b>Diameter</b>	0.5mm
<b>Material</b>	Ferrous – Chrome Steel AISI 52100 - 100CR6
<b>Grade</b>	100
<b>Standard of Manufacture</b>	ISO 3290 International
<b>Density</b>	7.833kg/ltr = 7.833g/cm3
<b>Heat No.</b>	080610
<b>Batch Number</b>	219

Materials supplied from ISO 9001:2008 / Din Standard Quality Assured Suppliers.

### Chemical and Test Data of Contaminant

<b>Carbon WT</b>	C	0.95-1.1%	0.970	<b>Chrome %</b>	Cr	1.30-1.60%	1.470
<b>Sillicum %</b>	Si	0.15-0.30%	0.230	<b>Nickel %</b>	Ni		0.040
<b>Manganese %</b>	Mn	0.25-0.50%	0.300	<b>Copper %</b>	Cu		0.090
<b>Phosphorus %</b>	P	<0.03%	0.011	<b>Titanium%</b>	Ti		0.003
<b>Sulphur %</b>	S	<0.025%	0.010	<b>Hardness</b>	HRc	60.000	66.000

## Manufacture of Test Piece Declaration

We hereby declare that our Test Pieces are manufactured from either the following materials and confirm:

- **Cast Acrylic – Sheets are in conformity with requirements of EU regulation 1935/2004/EU on materials and articles intended to come in to contact with food. The used monomers and other raw materials meet the requirements of EU regulation No 10/2011**
- **PTFE Grade 400 – Sheets supplied are tested in accordance to FDA 177.1550**
- **ACETAL COPOLYMER – CC34031 GREY FDA / CG34096 BLUE FDA / CS33273 RED FDA / CL33402E YELLOW FDA / CJ34045 GREEN FDA**
- **The Colour concentrate meets the requirements for repeated Food Contact according to FDA 21 CFR 178.3297**
- **ACETAL RESIN – Rods are in conformity with Directive 2002/72/EC and FDA Regulation 21 CFR 177.2470**
- **SEMI RIGID HOSING – Are in conformity with Directive 1935/2004/EU and FDA Regulation 21 CFR 177.1500**
- **POLYPROPYLENE – All monomers and additives are in conformity with Directive 10/2011/EC and FDA 177.1520**


## Test Piece Life Span

- **The contaminant or sphere is secured in a Medium or Housing so has an indefinite life span. Life span of the contaminant or sphere all depends on the housing of the test piece**
- **Test Pieces life expectancy depends on a great extent of the use it receives. Furthermore, customers often replace Test Pieces long before they become worn out due to changes in mishandling and damage to the Test piece.**
- **If a Test piece becomes chipped, broken or unreadable we recommend new test pieces.**

***This document was prepared on behalf of Klipspringer Ltd and the information included is provided in good faith and to the best of our knowledge correct at the time of writing. Klipspringer Ltd offers the information within this document as a guide only, and it does not represent any guarantee of the prescribed products in the sense of legal guaranteed relations. Klipspringer Ltd accepts no liability resulting from this document. It is the responsibility of the end user to ensure the items purchased are suitable for the intended application.***

The date on the Certificate of Conformity relates to when the contaminants or spheres were purchased. This cannot be altered as it allows traceability for Audit purposes.

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