

elcometer® 990 Calibration Foils and Zero Test Plates



Ideal for use in the laboratory, on the production line or the construction site, calibration foils or 'shims' are the most convenient way of creating a coating thickness standard on your substrate material or form. The ideal method for adjusting the calibration of your coating thickness gauge to ensure the greatest possible accuracy.

In some cases, however, it may be difficult, or impractical to obtain an uncoated substrate. For this reason Elcometer have provided a range of Zero Test Plates. These test plates, when used in conjunction with a set of foils, are ideal to test a coating thickness gauge's functionality and calibration.

- Metric and Imperial values displayed on each foil
- Available individually or in foil sets - with or without Zero Plate
- Available as either a precision foil ($\pm 1\%$ accuracy) or as a nominal foil ($\pm 2\%$ accuracy).
- Each foil is uniquely serial numbered and can be certified traceable to National Standards
- Available in thicknesses from 12.5mm to 20mm

Technical Specifications and Part Numbers

Zero Test Plates

2% Ferrous	T3459529-	2% Non-Ferrous	T3459530-
1% Ferrous	T3554910-	1% Non-Ferrous	T3554911-
Large Ferrous	T9994054-	Large Non-Ferrous	T9994055-

Individual Foils

Nominal Thickness

μm

12.5

25

50

75

125

175

250

500

1000

1020

1500

2000

3000

4000

5000

Colour

Silver

Purple

Dark Blue

Green

Brown

Peacock Blue

White

Black

Clear

Grey/Blue

Off White

Clear

Clear

Clear

Slate

Precision Foils

$\pm 1\%$ Accuracy

T990490101

T990490102

T990490103

T990490104

T990490105

T990490106

T990490107

T990490108

T990490109

n/a

T990490110

T990490111

T990490112

T990490113

T990490114

Nominal Foils

$\pm 2\%$ Accuracy

T9904169-

T9904170-

T9904171-

T99011411

T9904172-

T9904173-

T9904174-

T9904175-

n/a

T9904191-

n/a

T9904190-

T9904180-

T9904181-

T99011674

Each Foil is supplied in a Foil Wallet

Notes:

Additional $\pm 1\%$ foils/shims are available covering the range 8 – 20mm

Please contact Elcometer for further information

$\pm 1\%$ and $\pm 2\%$ foils cannot be combined on one Calibration Certificate. A Calibration Certificate can obtain up to 8 foils.

Calibration Certificates are not available for foils above 8000mm.

1% foils below 50mm have an accuracy of $\pm 0.5\mu\text{m}$.

All foil values are nominal – foils values supplied may be slightly different to the values shown above to ensure greater accuracy.



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