

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	Colour	Precision Foils $\pm 1\%$ Accuracy	Nominal Foils $\pm 2\%$ Accuracy
μm			
12.5	Silver	T990490101	T9904169-
25	Purple	T990490102	T9904170-
50	Dark Blue	T990490103	T9904171-
75	Green	T990490104	T99011411
125	Brown	T990490105	T9904172-
175	Peacock Blue	T990490106	T9904173-
250	White	T990490107	T9904174-
500	Black	T990490108	T9904175-
1000	Clear	T990490109	n/a
1020	Grey/Blue	n/a	T9904191-
1500	Off White	T990490110	n/a
2000	Clear	T990490111	T9904190-
3000	Clear	T990490112	T9904180-
4000	Clear	T990490113	T9904181-
5000	Slate	T990490114	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.