

# Elcometer 990 Calibration Foils



The Elcometer 990 coating thickness gauge calibration foils are ideal for use in the laboratory, on the production line or on site.

Calibration foils or shims are the most convenient way of creating a coating thickness standard on the substrate material, surface finish or form. Shims provide the ideal method for adjusting the calibration of the coating thickness gauge to ensure the greatest possible accuracy.

## Features

- Metric and Imperial values displayed on each calibration foil
- Available individually or in shim sets
- Precision foils with  $\pm 1\%$  accuracy
- Each shim has a unique serial number for traceability
- Shims are available in thicknesses from  $12.5\mu\text{m}$  to  $20\text{mm}$

## Technical Specification

### Elcometer 990 Individual Precision Foils

Part Number	Colour	Dimensions	Values*	Certificate <sup>+</sup>
T99022570-1A	Silver	50 x 25mm	$12.5\mu\text{m}$	o
T99022570-2A1	Purple	50 x 25mm	$25\mu\text{m}$	o
T99022570-4A1	Dark Blue	50 x 25mm	$50\mu\text{m}$	o
T99022570-6A	Green	50 x 25mm	$75\mu\text{m}$	o
T99022570-7A1	Brown	50 x 25mm	$125\mu\text{m}$	o
T99022570-9A	Peacock Blue	50 x 25mm	$175\mu\text{m}$	o
T99022570-10A1	White	50 x 25mm	$250\mu\text{m}$	o
T99022570-12A1	Black	50 x 25mm	$500\mu\text{m}$	o
T99022570-14A1	Grey-Blue	50 x 25mm	$1000\mu\text{m}$	o
T99022570-16A	Clear	50 x 25mm	$1\text{mm}$	o
T99022570-17A	Off White	50 x 25mm	$1500\mu\text{m}$	o
T99022570-18A1	Clear	50 x 25mm	$2\text{mm}$	o
T99022570-20A	Clear	50 x 25mm	$3\text{mm}$	o
T99022570-21A	Clear	50 x 25mm	$4\text{mm}$	o
T99022570-23A	Clear	50 x 25mm	$8\text{mm}$	o
T45618978-2**	Grey	n/a	$1500\mu\text{m}$	o
T45618978-3**	Grey	n/a	$5000\mu\text{m}$	o

<sup>1</sup> Alternative 75 x 50mm foils upon request

\* Actual foil values may vary, but are accurately labelled

\*\* For use with the high temperature PINIP™ probes only due to the potential high temperature of the sample foils supplied in a cap which fits over the PINIP™ probe

+ A Certificate can be supplied with any combination of up to 8 Foils

o Optional Calibration Certificate available

## Elcometer 990 Calibration Foil Sets

Un-Certified	Certified		Foil Values (µm)
T99022255-1	T99022255-1C	Scale 1	25, 50, 125, 250, 500, 1,000
T99022255-2	T99022255-2C	Scale 2	25, 50, 125, 250, 500, 1,000, 2,000, 3,000
T99022255-3	T99022255-3C	Scale 3	250, 500, 1,000, 2,000, 4,000, 8,000
T99022255-4	T99022255-4C	Scale 4	12.5, 25, 50, 125, 250
T99022255-5	T99022255-5C	Scale 5	12.5, 25, 50, 125, 250, 500
T99022255-6	T99022255-6C	Scale 6	1,000, 2,000, 5,000, 9,500, 15mm, 25mm
T99022255-7	T99022255-7C	Scale M3	12.5, 25, 50, 125, 250, 500
T99022255-8	T99022255-8C	Scale 2B <sup>2</sup>	25, 50, 125, 250, 500, 1,000, 2,000, 2,000

<sup>2</sup> The Scale 2B foil sets are designed for soft coating probes and have a larger foil surface area

### Using calibration foils



Each foil has been independently measured at the centre point.

For the greatest accuracy, place the probe in the centre of the foil.



Up to 4 foils can be combined to create a wider range of thickness values.

