

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 μm to 20mm

Technical Specification

Elcometer 990 Individual Precision Foils

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

¹ 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

^o 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 ²	25, 50, 125, 250, 500, 1,000, 2,000, 2,000

² 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.

