

# elcometer®

inspection equipment



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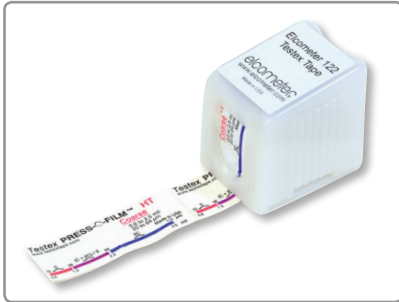
## DFT

Fineness of Grind, Density  
Flow & Dip Cups  
Rotational Viscosity  
Flash Point, Impact Testers  
Washability & Abrasion Testers  
Film Applicators, Bend Testers, Gloss  
Thickness Gauges, **Surface Profile**, Wet Film  
Dry Film, Coating Thickness Gauges  
Climatic Testing, Adhesion, Pinhole Testers  
Porosity, Software, Dispersion, Inspection Kits  
Zahn Cups, Salt Contamination, Haze  
Drying Time Recorders, Washability, Abrasion  
Scratch & Hardness, Elasticity & Deformation  
Surface Cleanliness, DOI Gloss Meters  
Colour, Moisture, Dewpoint Meters  
Cross-Hatch, Oven Recorders  
Surface Contamination  
ElcoMaster™



**Elcometer 122**  
Testex® Replica Tape  
www.elcometer.com

## Elcometer 122



**STANDARDS:**

ASTM D 4417-C, BS 7079-C5,  
ISO 8503-5, NACE RP0287,  
US Navy NSI 009-32,  
US Navy PPI 63101-000

## Testex® Replica Tape

Elcometer 122 Testex® Tape consists of foam with a non-compressible backing. The foam side is rubbed into the surface providing a permanent mould of the peak-to-valley profile, which can then be measured using the Elcometer 124 Thickness Gauge.

Elcometer 122 Testex® Tape is available in four profile ranges. It is important that the tape grade chosen is reflective of the profile being measured.

- For profiles between 12 & 25µm: Coarse Minus Tape
- For profiles between 20 & 38µm: Coarse Tape
- For profiles between 38 & 64µm: Average of Coarse and X-Coarse Tape
- For profiles between 64 & 115µm: X-Coarse Tape
- For profiles greater than 115µm: X-Coarse Plus Tape

There are 50 tests in each roll.

### Technical Specification

Description	Profile Range		Part Number			
	Metric	Imperial	1 Roll	Pack of 10	Pack of 50	Pack of 100
Elcometer 122 Coarse Minus	12 - 25µm	0.5 - 1.0mils	E122---A1	E122---A10	E122---A50	E122---A100
Elcometer 122 Coarse	20 - 64µm	0.8 - 2.5mils	E122---B1	E122---B10	E122---B50	E122---B100
Elcometer 122 X-Coarse	38 - 115µm	1.5 - 4.5mils	E122---C1	E122---C10	E122---C50	E122---C100
Elcometer 122 X-Coarse Plus	116 - 127µm	4.6 - 5.0mils	E122---F1	E122---F10	E122---F50	E122---F100

## Elcometer 124



**STANDARDS:**

ASTM D 4417-C, BS 7079-C5,  
ISO 8503-5, NACE RP0287,  
US Navy NSI 009-32,  
US Navy PPI 63101-000

## Thickness Gauge

The Elcometer 124 Thickness Gauge is used to measure the peak-to-valley height of a surface profile moulded in the Elcometer 122 Testex® Replica Tape.

- Metric and Imperial versions available
- Quick and easy to use
- Anvil pressure as required in the Standards

### Technical Specification C

Part Number	Description	Range	Dimensions	Weight	Scale Resolution	Certificate
E124---3M	Elcometer 124 Metric	0.5mm	125 x 95 x 25mm	270g	2µm	○
E124---3E	Elcometer 124 Imperial	0.2"	4.9 x 3.6 x 1.0"	9.6oz	0.1mil	○

○ Optional Calibration Certificate available.

## Related Products



### Elcometer 224 Digital Surface Profile Gauge

The Elcometer 224 provides the very latest in surface profile measuring technology for measuring profile on either flat or curved surfaces. Fast, accurate and very user friendly, the Elcometer 224 is available with or without memory and Bluetooth®.



### Elcometer 223 Surface Profile Gauge

A Digital Surface Profile Gauge which measures the peak-to-valley height of a surface in a similar way to the Elcometer 224.



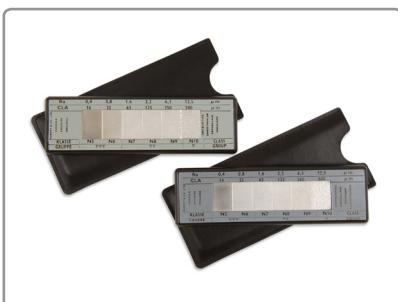
### Elcometer 125 Surface Comparators

These extremely durable comparators allow the estimation of surface profile of either grit or shot blasted surfaces. Using the Elcometer 125 surface comparators as a reference the blasted profile can be compared to the four reference profile grades in each comparator. Profiles are recorded in microns.



### Elcometer 127 Keane-Tator Surface Comparators & Magnifier

The Elcometer 127 range of Surface Comparators is available in sand, shot or grit surface profiles. Each comparator is supplied with 5 profile grades ranging from 0.5 - 5.5mils. Designed for use with the Elcometer 127 illuminated magnifier, each comparator has a hole in the centre allowing for clear visual comparisons to be made.



### Elcometer 129 Rubert & Rugotest Surface Comparators

The Elcometer 129 Surface Comparators are available in two models: Elcometer 129 Rubert - available in grit and shot versions; Elcometer 129 Rugotest - shot and grit profiles on the same block.