

# Elcometer 122 Testex Replica Tape



Elcometer 122 Testex Replica Tape

**At a glance**

- Replica tape used to measure the profile of the substrate prior to coating.
- Available in a range of tape grades for greater accuracy.
- Used in conjunction with the Elcometer 124 Thickness Gauge.

**Elcometer 122 Testex Replica Tape**

Whereas comparators allow the estimation of surface roughness by both touch and sight, the Elcometer 122 Testex Tape allows the user to measure the peak to valley height of the profile and record it.

Elcometer 122 Testex Tape consists of foam with a non-compressible backing. The foam side is rubbed onto a surface providing a permanent mould of the profile.

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

The Testex Tape range is available in four profile ranges. It is important that the tape grade chosen is reflective of the profile under measurement.

**Surface Profile**

The proper and effective preparation of a surface prior to coating is essential. Making sure that the correct roughness – or profile – has been generated is essential.

If the profile is too low, the adhesion of the coating to the surface will be reduced. Too high and there is the danger that the profile peaks will remain uncoated – allowing rust spots to occur.

Can be used in accordance with:	
ASTM D 4417-C	BS 7079-C5
BS ISO 8503-5	ISO DIS 8503-3

Dimensions		19 x 54mm test area	(0.75 x 2.13") test area
Number of Tests		50 per roll	
		<b>Elcometer 122 Coarse</b>	<b>Elcometer 122 X-Coarse</b>
Range	Metric	20 – 50µm	38 - 114µm
	Imperial	0.8 – 2.0mils	1.5 – 4.5mils
Part Numbers		E122----B	E122----C
			<b>Elcometer 122 X-Coarse Plus</b>
			115 - 152µm
			4.5 – 5.0mils
			E122----F

# Elcometer 124 Thickness Gauge



Elcometer 124 Thickness Gauge

### Elcometer 124 Thickness Gauge

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

- Available in both metric and imperial versions
- Low cost, quick and easy to use

Can be used in accordance with:	
ASTM D4417-C	BS 7079-C5
BS ISO 8503-5	NACE RP 0287-95

<b>Range</b>	<b>Metric:</b> 0 – 5mm	<b>Imperial:</b> 0.2"
<b>Dimensions</b>	120 x 95 x 25mm (4.6 x 3.6 x 1.0")	
<b>Scale Resolution</b>	2µm (0.1mils)	
<b>Weight</b>	260g (9oz)	
<b>Part Numbers</b>	<b>Metric:</b> E124---3M	<b>Imperial:</b> E124---3E

## Related products



Elcometer 223

The Elcometer 223 is a battery operated digital surface profile gauge which measures the peak-to-valley height of a surface in a similar way to the Elcometer 123 analogue equivalent, but with the added benefit of a direct RS232 output for data logging.



Elcometer 125

Surface comparators allow the estimation of surface roughness by both touch and sight. These simple roughness gauges consist of 4 blasted profiles of varying roughness and are available either in a grit blasted or a shot blasted version.



Elcometer 129

Similar to the Elcometer 125, the Elcometer 129 roughness comparators are available in two models: The Elcometer 129 Rubert is available in grit and shot versions whereas the Elcometer 129 Rugotest includes the shot and grit profiles on the same block.



Elcometer 127

These comparators from Keane-tator are designed to be used with a magnifier. Consisting of 5 blasted profiles on displayed with the roughness value on each disc. In the middle of the disc there is a hole for the comparison to be undertaken using the magnifier. Sand, shot or grit versions available.



Elcometer 7060

Designed for measurement of machined profiles, these gauges measure the profile by the use of a motorised travel of the sensor which passes over the surface to be tested. A range of different roughness values can be displayed on the LCD.



Elcometer Inspection Kits

Site inspection requires a range of portable testing equipment. In order to make these products easily available and transportable, Elcometer have developed a range of Inspection Kits. All the gauges are conveniently stored in one hard plastic protective carrying case and are supplied with full operating instructions.

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