

# Elcometer 122 Testex® Replica Tape



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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 three profile ranges. It is important that the tape grade chosen is reflective of the profile being measured, as using tape grade below the actual value may provide a "false" reading.

There are 50 tests in each roll.

Test Area Dimensions: 19 x 54mm (0.75 x 2.13")

Can be used in accordance with ASTM D 4417-C BS 7079-C5 ISO 8503-5 NACE RP0287 US Navy NSI 009-32

US Navy PPI 63101-000

Standards in grey have been superceded but are still recognised in some industries.

### **Surface Profile**

The degree of profile on the surface affects a coating's overall performance. The height of the profile (measured from the peaks to the troughs) determines aspects such as adhesion, coverage and overall volume of coating used. If the profile is too large the amount of coating required to ensure adequate coverage increases, otherwise there is a danger that the peaks remain uncoated - allowing rust spots to occur. If the profile is too small, there may be an insufficient key to produce adequate adhesion, leading to premature coating failure. Ensuring the correct surface preparation optimises the performance of the coating and material usage.

There are four different methods available for testing surface profile:

- Surface Comparators
- Replica Tape
- Surface Profile Gauges
- Surface Roughness Testers

TECHNICAL SPECIFICATION									
Description	Profile Range	Part Number							
		1 Roll	Pack of 10	Pack of 50	Pack of 100				
Elcometer 122 Coarse	20 - 64µm (0.5 - 2.5mils)	E122B1	E122B10	E122B50	E122B100				
Elcometer 122 X-Coarse	38 - 115µm (1.5 - 4.5mils)	E122C1	E122C10	E122C50	E122C100				
Elcometer 122 X-Coarse Plus	116 - 147µm (4.6 - 5.8mils)	E122F1	E122F10	E122F50	E122F100				



# 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 moulded in the Elcometer 122 Testex Replica Tape.

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

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TECHNICAL SPECIFICATION								
Part Number	Description	Range	Dimensions	Weight	Scale Resolution			
E1243M	Elcometer 124 Metric	0.5mm	125 x 95 x 25mm	270g	2µm			
E1243E	Elcometer 124 Imperial	0.2"	4.9 x 3.6 x 1.0"	9.6oz	0.1mil			

# data sheet

## **Related Products**



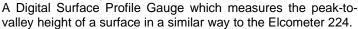
Elcometer 224

# Elcometer 224 Digital Surface Profile Gauge with Bluetooth®

The Elcometer 224 Digital Surface Profile Gauge provides an accurate way to measure surface profiles in microns and mils. The Elcometer 224 Model T has a large built-in memory which can store up to 50,000 readings in 999 batches and offers Bluetooth® wireless technology for cable free data transfer.

# Elcometer 223 Digital Surface Profile Gauge

**Elcometer 125 Surface Comparators** 



These extremely durable comparators allow the estimation of

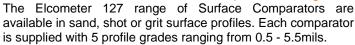
surface roughness of either grit and shot blasted surfaces.





Elcometer 125

# Elcometer 127 Keane-Tator Surface Comparators & Magnifier



Elcometer 127



Flcometer 129

# 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.

# elcomete

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