Surface Roughness

Testex

A unique replica technique and a simple snap gauge make possible accurate, low-cost blast-surface profile measurements. Testex makes surface replicas easy to obtain and produces average maximum peak-to-valley readings that ensure optimum blasting effectiveness. Replicas can be retained for future needs.

PRESS-O-FILM™ No.______ Reading____ Gage less 2.0 mils or 50 μm X COARSE (1.5 to 4.5 mils) or (40 to 115 μm)

Complies with International Standards

ISO DIS 8503-3	ASTM D 4417-C		
BS 7079-C5	NACE RP 0287-95		

Testex Tape

The accuracy of Testex measurements is due to an innovative two-level film that can produce virtually exact replicas of the abrasive blast surfaces. The film is available in three different thickness grades to cover the most common range of blast profiles.

Measurements can be taken in locations that are not possible using conventional stylus devices, e.g. internal pipe diameters and grooves, etc.

Easy to use, remove the protective paper from the tape and place firmly on the blasted surface. Apply moderate pressure with the Burnishing Tool over the circular cut-out in the tape. Remove the tape. The replica is now ready for measurement using the Testex Gauge.

The Testex is available in a Test Kit, comprising 2 rolls of X coarse Testex (specify if you require other grades), Testex Gauge and Burnishing Tool.

Testex Gauge

The Testex Gauge is used to measure the Testex replica and determine the average maximum peak-to-valley height of the blasted profile.

Measurements are made by firstly zeroing the gauge on $50\mu m$ (2mils). This is to allow for the film backing. Place the replicated area between the anvils and gently lower the moveable anvil onto the film. The reading can now be taken, giving you the average peak-to-valley height of the blasted profile.

Calibration Certificates having traceability to UKAS are available.

Supplied in a Carrying Case with Burnishing Tool.



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Part No	Grade	Range Metric	Range Imperial	Number of Tests	Conformance Cert Part No
R1001	Coarse	20-50µm	0.8-2.0mils	50	NRC02
R1002	X Coarse	40-115µm	1.5-4.5mils	50	NRC02
R3003	X Coarse Plus	Above 115µm	1.5-8.0mils	50	NRC02
R1004	Testex Gauge (metric)				NR001
R2004	Testex Gauge (imperial)			NR001	
R2001	Testex Kit			NR001	