



Paul N. Gardner Company

TESTEX TAPE SURFACE PROFILE TESTERS

Instructions for using the Testex Tape
(Coarse Minus, Coarse, X-Coarse and
X-Coarse Plus).



Testex Tape

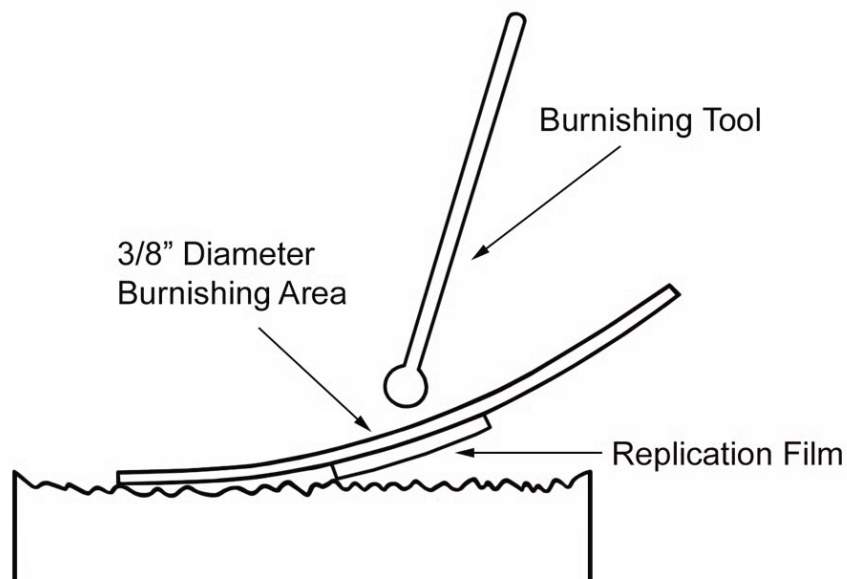


Testex replica tape is used with a gauge or micrometer to measure the surface roughness profile of blast-cleaned steel. Different tape grades are available for different profile ranges; select the grade that matches the expected surface profile. See the next page for more information.



Instructions for Use

1. Clean the measurement area using cleaning putty to remove dust, debris, or residual blast media from the surface.
2. Select the appropriate grade of Testex replica tape for the expected surface profile range.
3. Remove one piece of tape from its release paper and apply it to the blasted surface.
4. Firmly compress the replica film using the burnishing tool, applying sufficient pressure in a circular and x-y rubbing motion until the profile is fully replicated.
5. Remove the tape from the surface and place the compressed replica tape between the micrometer's measuring anvils.
6. Center the burnished area between the anvils with the adhesive side down and take a reading.
7. Record the reading and repeat the measurement as needed in additional areas to verify surface profile consistency.



Tape Grades and Measurement Ranges

Grade	Range When Used With Gauge
Coarse Minus	0.5 to 1.0 mils / 12 to 25 microns
Coarse	0.8 to 2.5 mils / 20 to 64 microns
X-Coarse	1.5 to 4.5 mils / 40 to 115 microns
X-Coarse Plus	4.6 to 5.0 mils / 116 to 147 microns

Testex Tape Grades



Testex Coarse Minus Tape 0.5–1.0 mils

[Buy at gardco.com](http://buyatgardco.com)



Testex Coarse Tape 0.8–2.5 mils

[Buy at gardco.com](http://buyatgardco.com)



Testex X-Coarse Tape 1.5–4.5 mils

[Buy at gardco.com](http://buyatgardco.com)



Testex X-Coarse Plus Tape 4.6–5.0 mils

[Buy at gardco.com](http://buyatgardco.com)

Available Accessories



RTM Digital Micrometer Certified

Digital micrometer custom-designed for measuring Testex replica tape, with readings in microns or mils and built-in memory for up to 250 measurements. Supplied with a traceable Certificate of Calibration for compliant surface profile documentation.

[Buy at gardco.com](http://buyatgardco.com)

Testex Tape



Available Accessories (continued)



Testex Tape And Micrometer Kit

Complete kit including the digital micrometer, three cartons of replica tape (Coarse, X-Coarse, and X-Coarse Plus), burnishing tools, and accessories needed to measure surface profile using the replica tape method.

[Buy at gardco.com](http://gardco.com)



Testex Press-O-Film Training Tool

High-accuracy training tool with a spring-loaded burnishing ball that applies consistent pressure to the replica tape, helping users learn and repeat proper burnishing technique while reducing operator influence on measurements.

[Buy at gardco.com](http://gardco.com)



Burnishing Tool

Plastic burnishing tool for burnishing the replica film on the Testex Tape when measuring the surface profile of blast cleaned steel.

[Buy at gardco.com](http://gardco.com)