

SURFACE PROFILE

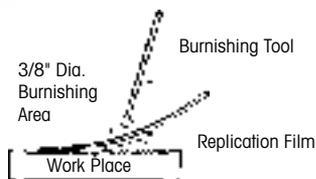
PRESS-O-FILM® SURFACE PROFILE GAGE

A modern, fast method of measuring surface profiles on blasted surfaces!

Dial
Thickness
Gage

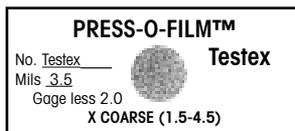


Testex replica tape can be used with a gage to measure the surface roughness ("profile") of blast-cleaned steel in the roughness range 0.8 to 4.5 mils (or 20 to 115 micrometers). Because inspectors, as a rule, have a target profile in mind, it is always best to start measurements with the grade of tape that has the target profile closest to the center of its range. Each grade of replica tape is most accurate near the center of its specified range.



Always confirm measurements near the ends of a given grade's range using the next higher or lower grade of tape.

<u>Grade</u>	<u>Range When Used With Gage</u>
Medium	5 to 75 microinch / 0.1 to 2 microns
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 / 100 to 125 microns



Press-O-Film Tape is also used with the PosiFactor RTR - Replica Tape Reader

Instructions for using Press-O-Film® on Blasted Surfaces

1. Locate a representative surface site.
2. Select grade of Press-O-Film® – 0.8 to 2.5 mils use "Coarse", 1.5 to 4.5 mils use "X-Coarse".
3. Prepare snap gage, clean anvils, adjust dial gage to read a minus 2 mils (8 mils when anvils are shut.)
4. Peel Press-O-Film® from slide.
5. Check unexposed film with gage. Film may vary in thickness and maximum limits of profiles cannot exceed thickness of film coating.
6. Apply film on blasted surface.
7. Rub burnishing tool over the round cut-out portion of Press-O-Film®. Press-O-Film® will become darker when replicated, so make sure that the entire circular area has uniformly darkened.
8. Remove replica and place between anvils on snap gage, making sure replica is centered in between anvils. Gage reading is the average maximum peak to valley heights of the blasted surface. (When snap gage is adjusted as per Step 3.)

PRESS-O-FILM® Kit includes: (1) Thickness Gage, (1) Roll, "Coarse" Press-O-Film® Tape, (1) Roll, "X-Coarse" Press-O-Film® Tape, (1) Burnishing Tool, (1) Training Surface, Instructions

SU-POFG	Dial Thickness Gage ONLY (inch)	229.00
SU-POFGMU	Dial Thickness Gage ONLY (metric)	229.00
SU-POFK	CX Kit Analog Gage (specify inch or metric gage).....	277.00
Replacements/Accessories		
SU-POFM	Medium Press-O-Film, 50 Imprsns, 5 to 75 Microinch Range.....	40.00
SU-POFC	"Coarse" Press-O-Film®, 50 Imprsns, 0.8 to 2.5 Mil Range	35.00
SU-POFCM	"Coarse Minus" Press-O-Film, 50 Imprsns, 0.5 to 1.0 Mil Range	35.00
SU-POFX	"X-Coarse" Press-O-Film®, 50 Imprsns, 1.5 to 4.5 Mil Range.....	35.00
SU-POFXP	"X-Coarse Plus" Press-O-Film®, 50 Imprsns, 4.6 to 5.0 Mil Range.....	50.00
SU-POFFT	Training Surface Tool, for use with X-Course.....	20.00
SU-POFZ	Burnishing Tool for Surface Profile Kit.....	0.75