

testex

Testex Dial Thickness gauge, (metric)

Part Number	Description	Range	Dimensions	Weight	Scale Resolution
TX-GAGE MTR	Dial Thickness gauge, (metric)	1mm	120 x 95 x 25mm	254g	1µm

Specifications

Grade	Range When Used With Gage
Medium	5 to 75 microns / 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 / 38 to 115 microns
X-Coarse Plus	4.6 to 5.0 mils / 116 to 147 microns



Standards Compliance

Standards Governing Use of Replica Tape to Measure Profile

ASTM - (American Society for Testing and Materials) D 4417:

- Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel

NACE - International (National Association of Corrosion Engineers) RP0287:

- Standard Recommended Practice: Field Measurement of Surface Profile of Abrasive Blast Cleaned Steel Surfaces Using a Replica Tape

SSPC - the Society for Protective Coatings

ISO - International Organization for Standardization: Standard ISO8503-5 Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 5: Replica tape method for the determination of the profile

In cases where standards compliance is required, the full original current standard should be consulted.

Instructions:

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 gauge 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).

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