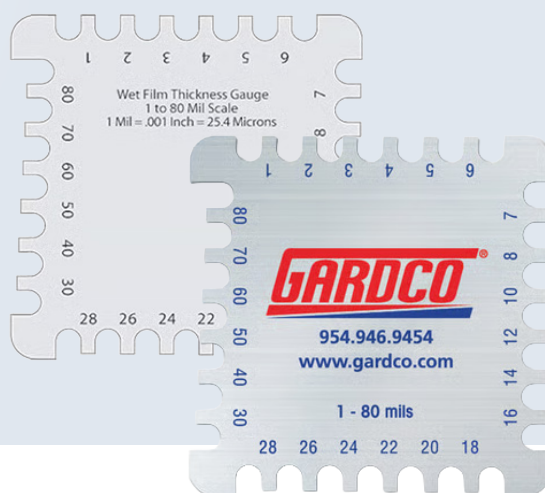




Paul N. Gardner Company

MODEL S GAUGE THICKNESS GAUGE

Instructions for measuring wet film thickness with the Model S Wet Film Thickness Gauge.



Model S Gauge



The Model S Wet Film Thickness Gauge is an aluminum comb gauge used to measure the wet film thickness of paints, enamels, lacquers, adhesives, and other coatings applied by spraying, dipping, or brushing to a smooth surface. Its dual-purpose, dual-sided design provides measurement scales in both mils and microns.

The gauge is compact, low cost, and wallet sized for convenient use in the field or laboratory. It can be retained as a record of the wet film thickness measurement or cleaned in a suitable solvent for reuse.

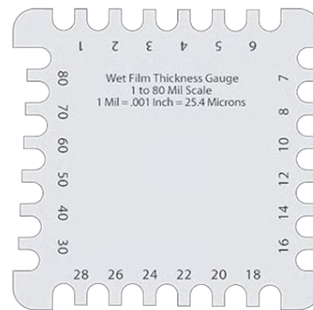
Available Options



Model S Wet Film Thickness Gauge — With Gardco Logo

Dual-sided aluminum wet-film thickness gauge with Gardco logo. Includes mil and micron scales for measuring wet coatings from 1–80 mils or 25–2032 μm . Supplied in packs of 25.

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



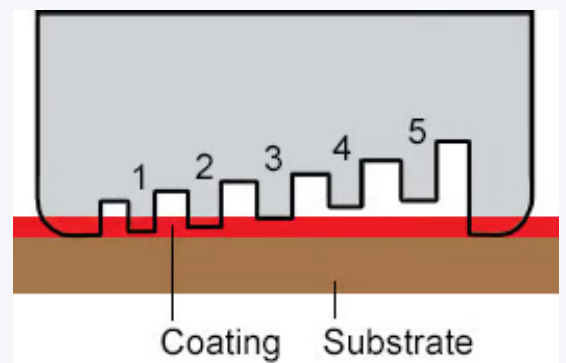
Model S Wet Film Thickness Gauge — No Logo

Unbranded dual-sided aluminum wet-film thickness gauge with mil and micron scales. Suitable for customers who prefer an unbranded gauge or plan to order custom printing. Supplied in packs of 25.

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

Instructions for Use

1. Select the side of the gauge with the measurement scale that corresponds to the expected wet film thickness: mils or microns.
2. Immediately after applying the coating, hold the gauge at a 90° angle perpendicular to the coated surface.
3. Press the comb edge straight into the wet coating until the base of the gauge contacts the substrate.
4. Remove the gauge carefully from the coating.
5. Identify the shortest tooth that is wet with coating and the next shorter tooth that remains dry.
6. The wet film thickness falls between the values marked at those two teeth.
7. Record the result, retain the gauge as a measurement record if desired, or clean it with a suitable solvent before reuse.



Technical Data

Feature	Specification
Measurement range	1–80 mils / 25–2032 µm
Mil scale values	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 35, 40, 45, 50, 55, 60, 65, 70, 80
Micron scale values	25, 51, 76, 102, 127, 152, 178, 203, 229, 254, 279, 305, 356, 406, 457, 508, 559, 610, 660, 711, 762, 889, 1016, 1143, 1270, 1397, 1524, 1651, 1778, 2032
Standards	ASTM D4414 and ISO 2808

Custom Gauge

Model S Wet Film Thickness Gauges can be customized with a company logo, photograph, or other artwork. Custom gauges can be screen or digitally printed in up to five colors. The available print area is 1 in. square on the mil-scale side and 3/4 in. square on the micron-scale side.

[View Custom Gauge Pricing](#)

How to Order Custom Gauges

1. Download and complete the [Custom Gauge Order Form](#).
2. Select all desired gauge, printing, color, and customization options.
3. Add any special requirements in the Comments/Additional Information section.
4. Attach high-resolution logo or artwork files.
5. Send the [completed form](#) and artwork to gauges.gardco@altana.com.
6. Specify the required font name or include font files when available.
7. After the order is placed, review and approve the color proof before printing begins.

Artwork Requirements

Requirement	Detail
Artwork resolution	600 dpi
Accepted digital file formats	PNG, PSD, and AI
Colors	Up to five printed colors
Special PMS colors	Additional charge per color
Proof approval	A color gauge proof is provided for final review before printing