

Wet Film Thickness Gages

Measuring the film thickness of freshly applied coatings in the wet stage is very important. On one hand, film thickness influences the quality of a product; on the other hand, applying too much coating can be expensive. Depending on the application method, it is advisable to measure wet film thickness. For measuring wet film thickness, BYKGardner offers a comb or “interchemical gage”.

Comb Type Gage

The comb is a ruler-shaped gage with two supports at each of its six sides, having tabs of varying lengths.

- Hexagonal shape made of corrosion resistant stainless steel

Procedure:

- For measuring, push the comb gage perpendicularly into the film using the measuring range that corresponds to the expected film thickness
- Remove the comb gage from the coating
- The wet film thickness will fall between the clearance of the shortest tab that is wet and the clearance of the next shortest dry tab
- The plastic comb gage may be used up to 60 °C (140 °F)



Ordering Information

Cat. No.	Description
3501	Comb Gage 25-2000 µm, stainless steel
3505	Comb Gage 1-80 mils, stainless steel
3507	Comb Gage 5-150 µm, stainless steel
3509	Comb Gage Set, plastic, set of 10
3510	Comb Gage Set, plastic, set of 100

Technical Specifications

Measuring Range	Outer Diameter
25 - 2000 µm	90 mm
1 - 80 mils	90 mm
5 - 150 µm (0.2 - 6 mils)	58 mm
25 - 2000 µm (1 - 80 mils)	90 mm
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