

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

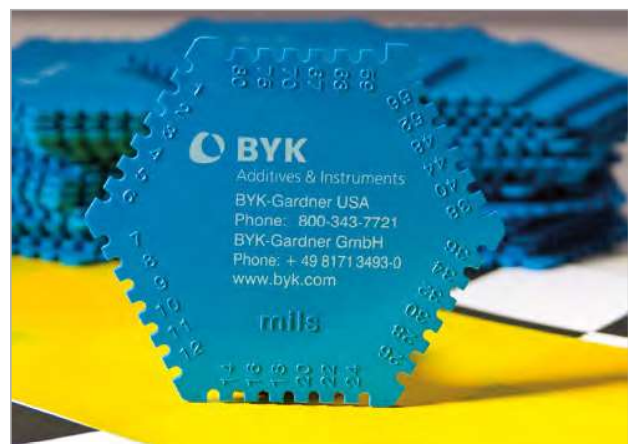
The Nordson BYK Gage is a four-sided gage with flat edges of graduated heights. The gage is made from durable stainless steel. A convenient protective pocket holder is provided.

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)

Standards

ASTM D 4414, D 713



Nordson BYK Gage



Nordson BYK Gage

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
3517	Nordson BYK Gage

Technical Specifications

Measuring Range	Outer Diameter
25 - 2000 µm	90 mm
1 - 80 mils	90 mm
5 - 150 Mm (0.2 - 6 mils)	58 mm
25 - 2000 µm (1 - 80 mils)	90 mm
25 - 2000 µm (1 - 80 mils)	90 mm
0.5 - 20 mils	38 mm

