

WGI, II, III WET FILM THICKNESS GAUGE

SP4000, SP4010, SP4020, SP4050, SP4060

DATASHEET

PRODUCT DESCRIPTION

Hexagonal/Octagonal precision measuring comb made of heavy stainless steel. The high-grade stainless steel will not be affected by acid or base elements. Available in Microns and Mils scale.

BUSINESS

Automotive, coating industry, construction/building maintenance, galvanize, laboratory, paint, shipping industry, steel protection, wholesale, wood

STANDARDS

ISO 2808, JIS Z2371, ASTM D4414, ASTM D713

ORDERING INFORMATION

SP4000 – WG I wet film thickness comb 20-370 μm
SP4010 – WG II wet film thickness comb 25-2000 μm
SP4020 – WG III wet film thickness comb 50-10000 μm
SP4050 – WG II wet film thickness comb 1-80 mils
SP4060 – INOX WG wet film thickness comb 4-60 mils

SPECIFICATIONS

4 models available for several different applications:

SP4000 – WG I

20-370 μm in 24 steps (6x4) for decorative paints and primers.

- side 1: 20, 30 40,50
- side 2: 60, 70, 80, 90
- side 3: 100, 110, 120, 130
- side 4: 150, 170, 190, 210
- side 5: 230, 250, 270, 290
- side 6: 310, 330, 350, 370

SP4010 – WG II

25-2000 μm in 36 steps (6x6) With edge grinding check (2mm) for protective coatings and high solids.

- side 1: 25, 50, 75, 100, 125, 150
- side 2: 175, 200, 225, 250, 275, 300
- side 3: 350, 400, 450, 500, 550, 600
- side 4: 650, 700, 750, 800, 850, 900
- side 5: 950, 1000, 1100, 1200, 1300, 1400
- side 6: 1500, 1600, 1700, 1800, 1900, 2000



SP4020 – WG III

50-10000 µm in 71 steps (8x9) Scale division: 0-900:50µm, 900-5500:100µm, 5500-9000:500µm for extremely thick films such as floor coatings, fillers, fire proofing, plaster, adhesives etc.

- side 1: 50, 100, 150, 200, 250, 300, 350, 400, 450
- side 2: 500, 550, 600, 650, 700, 750, 800, 850, 900
- side 3: 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800,
- side 4: 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700
- side 5: 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600
- side 6: 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500
- side 7: 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400
- side 8: 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 10000

**SP4050 – USA WG II**

1-80 mils in 36 steps (6x6) With edge grinding check (2mm) for protective coatings and high solids.

- side 1: 1, 2, 3, 4, 5, 6
- side 2: 7, 8, 9, 10, 12, 14
- side 3: 16, 18, 20, 22, 24, 26
- side 4: 28, 30, 32, 34, 36, 38
- side 5: 40, 42, 44, 46, 48, 50
- side 6: 55, 60, 65, 70, 75, 80

**SP4060 – INOX WG**

4-60 mils in 20 steps (4x5) with edge grinding check (2mm) for any type of wet film like paint, adhesives, coatings, lacquers, enamels on a smooth substrate

- side 1: 4, 6, 8, 10
- side 2: 12, 16, 20, 24
- side 3: 28, 32, 36, 40
- side 4: 45, 50, 55, 60

**USE**

- Place the gauge at a 90° angle to the coated substrate
- Make sure the gauge is in firm contact with the substrate.
- Remove the gauge in a straight line up.
- Assess the teeth of the gauge. The wet film thickness lies between the largest tooth that is wet and the smallest tooth that is not wet.

SPECIAL CARE

- This is a precision instrument, never drop it!
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush, abrasive paper. This may cause, just as aggressive cleaning agents, permanent damage.
- Always keep the instrument in its pouch when not in use.

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.