

**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  $\mu\text{m}$   
SP4010 – WG II wet film thickness comb 25-2000  $\mu\text{m}$   
SP4020 – WG III wet film thickness comb 50-10000  $\mu\text{m}$   
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  $\mu\text{m}$  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  $\mu\text{m}$  in 36 steps (6x6) With edge grinding check (2mm) for protective coatings and high solids.

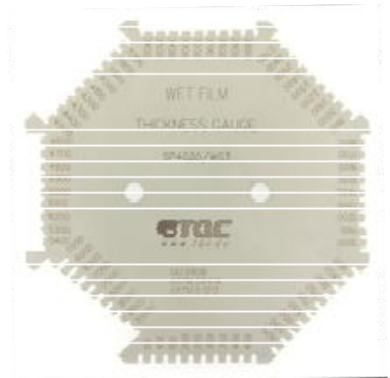
- side 1: 25, 50, 75, 100, 125, 150
- side 2: 175, 200, 225, 250, 275, 300
- side 3: 350, 400, 450, 500, 550, 600
- side 4: 650, 700, 750, 800, 850, 900
- side 5: 950, 1000, 1100, 1200, 1300, 1400
- side 6: 1500, 1600, 1700, 1800, 1900, 2000



**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

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The right of technical modifications is reserved.

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