

DeFelsko® Powder Comb

This simple, easy-to-use gage measures the thickness of applied dry coating powder...before it's been cured!

Check powder thickness with Powder Comb before curing to help insure correct cured film thickness the first time through the line. Avoid stripping and re-coating which can cause problems with adhesion and coating integrity.

Versatility

- Ideal for set-up and quality control
- Works on a variety of part sizes, shapes and substrates such as metal, plastic, wood, glass, and more
- Easy to carry; convenient shirt pocket size
- Available in mils (inch) or microns (metric)

Quality

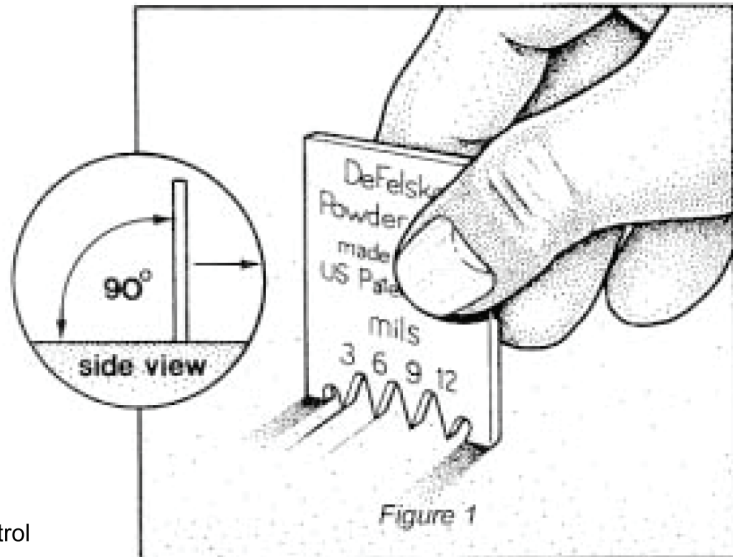
- Broad stand-offs on both sides of teeth help keep gage perpendicular to surface when measuring
- Rugged aluminum construction for long gage life and static control
- Precision gage; manufactured to a tolerance of ± 0.0002 inch
- Protective leather pouch included with each gage

Simple Operation

- 1 - Push the **Powder Comb** perpendicularly into the dry powder so that the two stand-offs (end tabs) on both sides of the teeth rest firmly on the substrate.
- 2 - Drag the **Powder Comb** along the surface of the coated part for at least 1/2 inch.
- 3 - Remove the **Powder Comb** from the surface and examine the marks left in the powder.

The powder thickness is between the highest numbered tooth which made a mark and has powder clinging to it, and the next highest tooth which left no mark and has no powder clinging to it.

Example: The 3 and 6 mil teeth both make lines and have powder clinging to them but the 9 mil tooth does not. The uncured powder thickness is determined to be between 6 and 9 mils. (see Figure 1)



| Models | Height Tooth 1 | Height Tooth 2 | Height Tooth 3 | Height Tooth 4 |
|----------------|-------------------|-------------------|-------------------|-------------------|
| Model 1 (mils) | 3 | 6 | 9 | 12 |
| Model 2 (mils) | 10 | 15 | 20 | 25 |
| Model 3 (mils) | 20 | 30 | 40 | 50 |
| Model 4 (µm) | 75 | 150 | 225 | 300 |
| Model 5 (µm) | 250 | 375 | 500 | 625 |
| Model 6 (µm) | 500 | 750 | 1000 | 1250 |

