

# 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

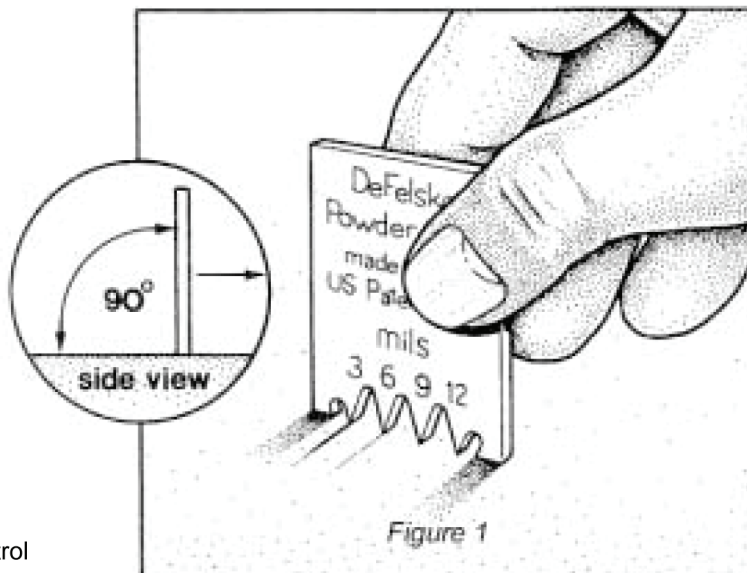
- Broad stand-offs on both sides of teeth help keep gage perpendicular to surface when measuring
- Rugged aluminum construction for long gage life and static control
- Precision gage; manufactured to a tolerance of  $\pm 0.0002$  inch
- Protective leather pouch included with each gage

## 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

