Aircraft Specialty Products

WET FILM THICKNESS GAUGE

Product description:

WET FILM THICKNESS GAUGE

FEATURES:

- Consists of notches that are machined into the gauge sides
- Consists of four sides with different ranges of values
- Teeth between the gauge notches serve as references to the ends of gauge edges
- Edge ends act as a “zero” reference (2 edge ends being pushed into the coating until they make contact with the substrate
- The notches on same sides are shorter relative to the outside notches. Each of these signifies varying distances from the outside edge teeth corresponding to zero.
- Distances represent wet coating thickness surface that needs to be measured
- Notches are marked off in MILS (0.001 inches) on one side of the gauge and microns on the other side of gauge.

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For more information contact us :
zipchem@addevmaterials.com

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Product description:

WET FILM THICKNESS GAUGE

FEATURES:

- The **Wet Film Thickness Gauge** immediately measures the thickness immediately after the coating has been applied on the material

KEY BENEFITS

- Measures a liquid coating's thickness in the easiest and fastest manner

APPLICATIONS:

- ✓ For a particular side, the two ends of the edge are pushed into the coating until they are in contact with the substrate (Ends act as the zero reference point)
- ✓ Place the **Wet Film Thickness Gauge** at a 90-degree angle to the coated material and make sure that it completely contacts the material.
- ✓ Once the measuring gauge is taken out of the material, depth is determined by the biggest notch that can be seen in the coating and the smallest notch that cannot be seen in the coating. For instance, if the largest notch that is observed is at 8 MILS and the smallest notch that is not observed is at 10 MILS, it can be said that the wet film thickness is at 8 to 10 MILS
- ✓ To achieve accurate measurements, the following must be observed:
  - Measure wet film thickness immediately after the coating has been applied for coatings that cure
  - Must use gauge on a smooth, flat surface without irregularities
  - To receive average result, take several measurements in a series
  - Clean gauge with a soft cloth after use

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