

APPLICATIONS BULLETIN

How Can I Tell if NanoClear® Is Still Effective?

NanoClear is an extremely thin, invisible coating

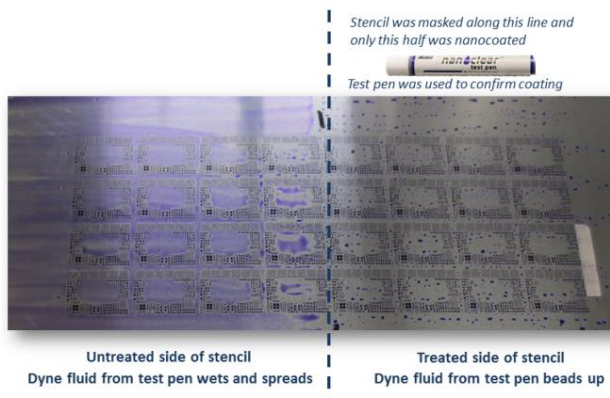
Most users report 10-25K prints per application

How to Test for Nanoclear

On the Production Floor

Use a test pen provided by Aculon or a dyne fluid of 30 dynes/cm. The fluid will wet to untreated surfaces and bead up on treated surfaces, as shown in the photo at right.

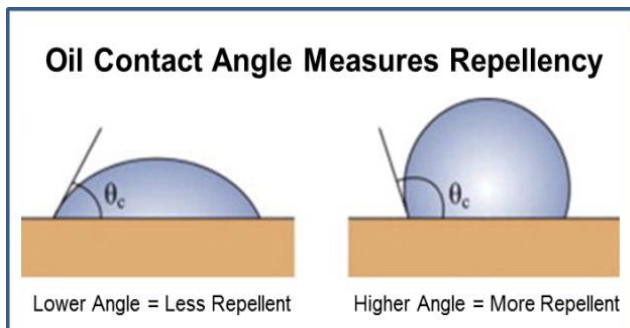
In the absence of a test pen, a “Sharpie” felt tip marker will also provide a less precise indication of coating presence.



In the Laboratory

Oil Contact Angle (OCA) or Water Contact Angle (WCA) is a quantitative measurement of surface repellency. They are measured using a goniometer.

- Lower angles, or more spread, indicate lower repellency
- Higher angles, or less spread, indicate higher repellency.



See also [How Long Does NanoClear Last?](#)