



COLOR CHECKING TECH DATA SHEET

When checking the color on a part that has been painted, you may notice some color variance.

Here we explain why you are seeing those differences.

- **DIFFERENT LOTS-** Every lot that we make will have some slight variance. Colors from the FED STD 595 color chart are matched with in a range, so if one lot is on the high end of the range and another is on the low end, you will notice the difference, but both are acceptable as they are in the color range.
- **LIGHTING-** When ever you are checking the color on a painted part, lighting will play a role in what the color looks like. Shadows and different types of lighting (indoor, fluorescent, or outdoor) will give the appearance that there is variance in the paint. It is best to look at different areas on a part in the same lighting. Natural outdoor lighting (avoiding shadows) is the best kind of light to perform a color check.
- **THINCKNESS-** If a part has been painted with different thickness levels, you may notice variance in color. The greater the difference is, the more noticeable it will be. Please check with the applicator if you think this is the cause for your variance issues.
- **SAGGING-** This happens when a part has been painted upright or set up right before drying. This will cause the paint to sag down to the bottom causing it to be thin at the top and thick at the bottom. Please check with your applicator if you think this is the cause for your color variance.

As you can see there are a few different things that can affect the color of your parts. Some are just part of the painting process and others are cause for concern. If you are unsure as to what has happened with your painted part, contact us and we will do our best to explain what may be happening and how to get it fixed.

