

DuraBlack Laser Settings Guide

The following information provides guidelines to help achieve consistent and high quality marks on DuraBlack.

Optimal marking results are based on a combination of the power and speed settings.

The goal is to achieve a consistent white-metallic mark. Too much power delivered at the point of contact will “bleed” the image. Too little power will result in a dark brown/streaky black mark.

Expect some trial and error in order to achieve an optimal mark.

It is normal for DuraBlack material to have a blotchy appearance when removed from the pouch. After lasing the product, clean DuraBlack with soapy water to eliminate the blotchy appearance.

Settings Starting Point

- Make sure sheet is lying flat during the lasing process.
- **Speed** - between 60-80%. Some dwell time is needed to create a good mark.
- **Power** - about 15-20 watts (50watt laser should be set at about 35%)
- **DPI** - set at 600dpi or higher
- **PPI** - set as high as possible (at least 1000).

DuraBlack



Ideal mark

DuraBlack

Not enough power

DuraBlack



Too much power

DuraBlack

DPI too low

DuraBlack

Sheet not flat