









Illustrator & DirectCut

Technical Support Bulletin

Cutting with Two Forces in One Job

Abstract: It is sometimes useful to be able to cut with two different forces or two different speeds within the same job. This is easily accomplished by creating artwork that has different colors for each speed/force combination. Last Updated April 15, 2005

There are 8 colors supported by the Allen DirectCut Printer Driver. These get converted to one of the 8 pens based on the table below as described in DirectCut help file.

 C_black.ico Black 0,0,0	 C_red.ico Red 255,0,0	 C_green.ico Green 0,255,0	 C_yellow.ico Yellow 255,255,0
 C_blue.ico Blue 0,0,255	 C_magent.ico Magenta 255,0,255	 C_cyan.ico Cyan 0,255,255	 C_violet.ico Violet 115,0,204

Color matching is employed so that all colors will match to one of the above colors.

To use the different pen colors you have to enable several features in the printer driver and the cutter.

Multiple pen output must be set to Yes

Combine Polygon set to No

Illustrator color profile must be RGB not CMYK.

Send Force/Speed to tool must be set to Yes

Selected pen colors must be set so the force or speed you desire is set on the property page of the printer driver.

In the cutter remote panel you must turn off cad override: Go to setup -> settings. Turn cad override off, and save the setup.

The file [Web Site Copy / CD Copy](#) is an illustrator file that shows one label and a dashed line to be used for creating a perforation using a higher force. The perforation is drawn in red and the die line is in black. You could then set the black pen force to 12% to cut the die line and the red pen force to 40% to create the perforation.

