

History of Soy Ink

The use of soy ink in a variety of printing applications has been going on for years. The first commercial soy inks were introduced about 15 years ago in commercial applications such as ink for magazines and newspapers.

The United Soybean Board had found that nearly 90% of the nation's daily newspapers now use soy ink in the production process and more than 1/3 of all newspapers also use soy ink in their production processes.

Soy Ink Benefits

- ✔ - Vibrant colors/High Quality that matches brandname toner quality/performance
- ✔ - Lower rub-off - soy inks show a greater rub resistance
- ✔ - Cost effective
- ✔ - Laser Proof - in a laser printer, the ink is exposed to heat. The boiling point of soy ink is lower, therefore there is less chance of the ink being transferred to parts of the machine rather than the paper.
- ✔ - Stability - Soy ink has a lithographic stability
- ✔ - Environmentally friendly and sustainable - no crude oil used to produce the toner
- ✔ - Reduces dependence on foreign oil
- ✔ - Higher yield - for many of the toner cartridges, soy ink yields 10% more pages
- ✔ - Simpler and less capital intensive in the de-inking process (recycling)
- ✔ - Reduction of carbon dioxide emissions

Why Soy (bio-based) toner is the logical choice for your office or home printing needs

With our increased dependence on oil, our shaky economy and concerns over our planet and the environment, soy toner cartridges are the only logical choice for your printing needs.

The quality and performance matches that of the brandname toners, and in many toners, the output/page yield is higher by as much as 10%.

Soy inks have been tested and in commercial use for many years, so this technology is not a new or untested one and we are not in uncharted waters with this product.

The soy toner does not hurt the printer and can be used side by side or in conjunction with oil based toners. (for example, you can easily put in a soy toner after you have used up your oil-based toner or put a soy based toner in side by side with oil based color toners)

Environmentally, using soy based toners is a win-win situation...industry leaders report that it takes about 2 liters of oil to make 1 lb of toner powder required for each oil-based cartridge. U.S. businesses, organizations, educational institutions and governmental agencies currently consume more than 100 million cartridges per year. That equates to 100 million pounds or approximately 50,000 tons of material petroleum is used to produce.

And, on the output side of the equation, when paper that has been printed using soy ink is to be recycled, it is easier to grind and uses less energy - another win for the environment, energy consumption and the economy.

Now, all of us have a choice.

We have faith that we will all make the right choice in choosing sustainable printing.

The monks of LaserMonks and LaserMonksGreen