

TREASURE CHERISH PROTECT

Not just our green tubing is green.



Freelin-Wade is the Green Tubing Maker

Situated near the forests and lakes of Western Oregon, it's only natural that Freelin-Wade lead the plastic tubing industry in being green. We were the first major manufacturer to include a statement about our commitment to the environment in our catalog... and it doesn't stop there.

In the office, we recycle virtually all paper and are

striving to going "paperless" in this decade. In manufacturing, our non-standard tubing goes through a process called "re-grind" where it is chopped up and recycled.

Then there's our environmentally advantaged Nylon 11 tubing. It's made from natural and renewable castor beans.

Well Connected

**FreelinWade**
A COILHOSE COMPANY

Environmentally Advantaged

GREEN

Lead Free

There have been lots of stories in the news about plastic toys containing lead. It's alarming because lead has been linked to serious health problems, particularly in children.

Most plastics, including PVC, Polyurethane and Nylon, require stabilizers to make them resistant to the effects of heat and light. There are four common additives used to stabilize plastics and they are barium, zinc, tin and calcium. Unfortunately, there is a fifth additive that is relatively common in low quality, off-shore made plastics: lead. The problem is that lead can leach out over time and enter the flow of the media in the tubing.

None of Freelin-Wade's plastics use lead as a stabilizer. In addition, steps have been taken to use lead free equipment in the manufacture of our tubing to further assure that Freelin-Wade plastic tubing is as free of lead as possible.

Some of Freelin-Wade's Environmental Efforts

Coiling /Extrusion: Freelin-Wade utilizes mechanical and electronic filtering systems to remove oil particulates from smoke generated during production operations before exhausting to the atmosphere.

Water Usage: Freelin-Wade uses chilled filtered water to cool its extruded products. This water is recycled during the production process (*continued below*)

Nylon 11: Durable and Renewable



The Castor Plant
Leading producers are Brazil, India and China.

We usually tend to associate agriculture with food. The reality though is that modern agriculture is the source for a wide range of renewable chemicals, compounds and materials that are critical to our lifestyle. Cotton, rubber, lumber and ethanol are all agricultural products. You can add Freelin-Wade's Nylon 11 plastic tubing to that list.

The base component to Nylon 11 is castor oil, made from all-natural castor beans

and is only drained at the end of each day. No contaminants are passed to the water in the production process.

Die Cleaning: Freelin-Wade utilizes a high-temperature die cleaning oven to reduce plastic film left on tooling to a fine dust. The high operating temperature of this oven reduces the amount of exhausted particulates with virtually zero emissions.

Contaminated Plastic Materials: Freelin-Wade recycles waste plastic with licensed plastic recycling companies. Small amounts of contaminated materials are land filled under EPA Guidelines.

Chemicals: Freelin-Wade recycles/destroys its machine oils & hazardous waste chemicals through licensed companies in accordance with EPA Guidelines.



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