



## Monofilament Recycling Bin Assembly



### Mounting the Bin to a Post:

Secure the Bin to a 4x4 post with the hood opening at eye level using 2 - large Zip Ties or plumber strapping. (Available at most hardware stores) Place one strap directly under the lip of the upper shoulder and one just above the lower shoulder. The plumbers strap is best secured with galvanized deck screws so they won't rust. (See illustration below)

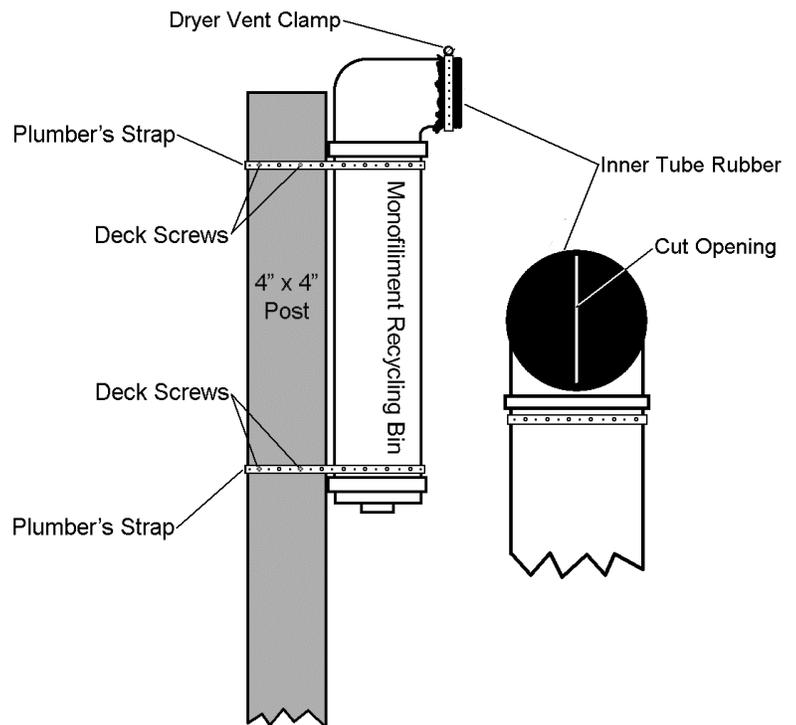
Leave enough room between the bottom of the bin and the ground to remove the screw cap and pull out the fishing line. There may be hooks or other sharp things in the bin. It is recommended the hood opening be approximately four feet above the ground or at eye level. Remember the public is using the Bin. Please use gloves to protect yourself.

Recent studies have shown that cavity nest building birds like prothonotary warblers and tree swallows are attracted to the openings in the Monofilament Recycling bins as potential nesting sites. Once inside the tube they become entangled in the used fishing line.

The Stream Team Program is recommending the installation of a rubber bird-proof covering over the opening of the bin. See the diagram below.

Covering materials are available to volunteers who have pre-existing installed and maintain monofilament bins.

Please contact Mark Van Patten at 573/522-4115 ext 3892 or [mark.vanpatten@mdc.mo.gov](mailto:mark.vanpatten@mdc.mo.gov) to order one set for each bin you have installed.



**\*If you are no longer monitoring your bin, please remove it**

### Installation instructions for opening :

1. Place the rectangular rubber sheet with the long side horizontal to the opening.
2. Slide the vent clamp onto the PVC pipe while holding the rubber sheet in place. Tighten the clamp until the rubber sheet is held securely.
3. Use a utility knife to cut a vertical slit in the rubber. This will allow your hand to pass through to deposit the used fishing line. The slit will close when your hand is withdrawn.

Biologists believe that this will prevent birds from entering. If you find any sign of birds when emptying your bin, please let us know so we can update our methods accordingly.



### Suggested items for collecting line from containers:

- Grocery store bags (to collect line)
- Nail clippers or small pair of scissors (to remove hooks, etc)
- Large pair of pliers or large wrench (in case screw cap is too tight)
- Gloves
- Short stick with cup hook on the end (used to reach inside the Bin and pull out line without having to put your hand inside)
- Spray bottle with 10% bleach (for rinsing inside Bins)

Mail collected and cleaned (remove vegetation, lead, hooks, debris etc.) monofilament only to: **Berkley Recycling, 1900 18<sup>th</sup> Street, Spirit lake, IA 51360-104**

- Be sure to check with area manager or landowner for permission to install Bins.
- A Volunteer Agreement must accompany Bin orders. Available at: <http://www.mostreamteam.org/Documents/STActivities/mrrpagreement.pdf>
- Bins are shipped fully assembled
- 4x4 posts, plumber strap or Zip Ties and deck screws are **not** included.