

ZERODAY®

Z Flocc™ Log and Tab Polymer Products

Zeroday identified that many difficult applications require a simple, low attention treatment solution that are difficult to treat using standard treatment methods. Seeing a significant need, Zeroday innovated in developing our Z Flocc™ Log and Tab flocculant lines and application technologies. Z Flocc™ Logs and Tabs are effectively utilized for solid-liquid separations in general, sludge/slurry solids consolidation, pond clarification, and soil management applications.

These products are supplied in unique log and tablet shapes for applications where:

- Operator attention is difficult (out of the way locations).
- There are no utilities.
- For situation where fast and easy setup of a treatment program is required.
- Polymer consumption rates are low.
- When the cost and effort to install mixing and feed equipment is not very practical.

Treating a slurry, water or wastewater stream is accomplished simply by suspending or placing the Z Flocc™ Logs and Tabs in baskets or bins directly in the water flow. As the flocculant slowly dissolves, solids flocculation occurs with the solids settling out in a downstream pond or liquid-solids separation process. Dosage control is simply a matter of adding more Logs/Tabs in the stream or adding more addition points.

Depending on the application and polymer chemistry, a Log or Tab basket lasts from 1+ days to several weeks. To maintain treatment dosages, just add another Log or more Tabs as these are consumed. If an application requires more than one type of flocculant chemistry, this is easily accommodated by either adding the different Log or Tab chemistries in the ratio desired at the same point (if the chemistries are compatible) or by using at different points.

Z Flocc™ Tab Strings represents a further innovation that can be used in various flow regimes. But these are particularly useful for treatment of pipe flows where a Tab String (flocculant tablets Zeroday assembles in a long mesh sock) is inserted into the pipe requiring treatment. As the water flows through the pipe, the water is passively and effectively treated. Managing the correct flocculant dose is simply determining the String length which is proportional to the amount of polymer addition. When the polymer is consumed, replace the old string with a new one or add another string with the one that is nearly consumed.

Z Flocc™ Logs and Tabs are manufactured from the dry polymer products in the Z Flocc™ line and consequentially are made from the industry's highest quality polyacrylamide / polyacrylate flocculants. To meet the treatment challenges for a wide range of applications, Logs and Tabs are produced from a variety of flocculant chemistries: charge type (cationic, nonionic, anionic, and amphoteric), full range of % charges, broad molecular weight ranges (chain length), and linear chained and branched structures.



the answer is clear.®

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When you have identified a potential application, Zeroday engineers will work with you in identifying the flocculant chemistry(ies) required, the optimal product shape/form, and recommend treatment setup. And we will continue to work with you to ensure that your treatment program is effective and system optimized.

Zeroday is very mindful that customers require a simple and easy ordering process and that a supplier can deliver products when required. Our standard is 100% supply assurance. We are proud of our great customer service record. We plan for success by anticipating your supply needs and develop plans to ensure your supply

Please contact your local Zeroday sales representative or our office for further information to begin the process for improving your process performance and treatment results.