

Charge-Pack Flocculants



All flocculants are not created equal.

With literally hundreds of flocculants on the market today, quality varies substantially from one product to another. Even products supplied by the same manufacturer have varying levels of quality. Clean Waters has carefully evaluated, and selected only the absolute premium products within the highest quality class of polymers on the market. Only these elite polymers are worthy enough to carry the Charge-Pack name.

Charge-Pack polymers have been hand-selected based on three key criteria, indicating the highest level of quality:

1. What is the active content of the polymer?
2. How efficient does it make-down?
3. How consistent is the product from batch to batch?

Benefits of Using Charge-Pack Polymer in Your Process:

- Reacts quickly with the sludge → saving you time
- Lower dosage is required → saving you money
- Makes-down quickly → saving you time
- Provides a better end-result → saving you money
- A wide window of operation means less machine adjustments → saving you time
- Quality is consistent, batch after batch

Charge-Pack Polymer FAQ's

Why is your polymer better than others?

Like most things in life, with polymer you get what you pay for. There is a reason that some polymers cost more than others. Charge-Pack has the highest available active content of any product in its class. This results in you using less, often times considerably less --- than competitive products. Charge-Pack is not only easier to use, but will also save you money.

Why should I care how fast polymer makes down?

Low quality polymers make-down slower than high quality polymers, and often do not fully unwind in blending units. This means that you are not able to use all the active content, resulting in higher dosage rates. For neat polymer to become "activated", it must be made-down by using water + mixing energy to unwind and extend the long polymer chains. All Charge-Pack products have a high-grade surfactant package, and smaller gel size which means that they make-down (unwind) very quickly, allowing you to use all of the active content in the product. This in turn lowers your dosage rates, reducing the total amount of polymer required and saving you money.

Why are your dry polymers any different than others?

Charge-Pack dry polymers are 85-90% active; the highest activity available. Many others use fillers to reduce cost. Charge-Pack dry polymer will yield the lowest dose, saving you money.

What does wide window of operation mean?

With a low quality product you will often have a narrow window of operation, especially in dewatering. During any dewatering operation there will be variables in feed consistency and pumping rates. Charge-Pack polymer will require much less adjustment than a lower quality product will. This will make for more consistent, better results, saving you money.

Polymer can be messy. How do you clean this stuff up?

Polymer spills can definitely mean a slipping hazard. The best thing that you can do is try to prevent spills from happening in the first place, and have absorbent materials available in the areas where you use polymer. We understand that even experienced folks have occasional spills and messes, so we have developed our Poly-Solv line of polymer cleaners to help keep your work area clean, and your machinery functioning at peak performance.



Applications

- Primary and secondary clarification
- Filtration (NSF certified for drinking water)
- Sludge thickening
 - Gravity thickeners
 - DAF thickeners
 - Belt thickeners
 - Centrifugal thickeners
- Sludge dewatering
 - Belt Presses
 - Centrifuges
 - Screw Presses
 - Drying Beds
 - Filter Presses/ Plate and Frame Presses

All of our emulsions are manufactured in the USA.



Clean Waters Inc. provides specialty chemicals and services to water treatment and wastewater treatment facilities, as well as commercial locations.

We take great pride in being a superior company, supplying the utmost quality chemicals and services.



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