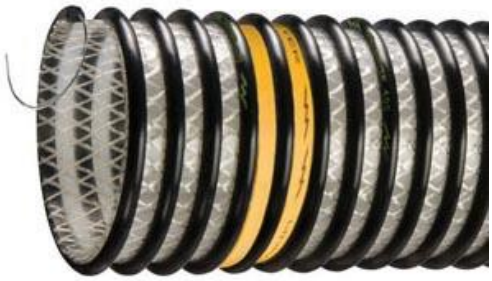
Plastixs, LLC • 151 Memorial Drive, Suite H • Shrewsbury • MA • 01545
888-792-2223 • www.plastixs.com • sales@plastixs.com

Voltbuster™: The Hose You Need for Static-Free, Heavy-Duty Material Handling

In material handling, especially with powders and solids, the Tigerflex™ Voltbuster™ hose has become a trusted solution. Introduced in October 2011, this heavy-duty thermoplastic hose directly addresses the challenge of safely dissipating static charge in high-static material transfer applications for which normal, static dissipative hoses are not enough and more flexibility is needed than what metal hoses can provide.



Eliminate Brush Discharge & Hose Arcing

Industrial hoses often face the issue of brush discharge, commonly known as “hose arcing.” This occurs when the static charge inside the hose tube becomes overwhelming, leading to potential shocks for personnel—and though it won’t kill you without the amperage, a 50,000 to 200,000-volt shock can still be very painful—or even the ignition of a hazardous dust cloud explosion. Voltbuster was specifically developed to eliminate these risks.

What sets Voltbuster apart is its distinction as the first and only thermoplastic hose with a heavy, conductive wall capable of safely dissipating static charge beyond what an embedded grounding wire can achieve. Unlike traditional hoses, Voltbuster boasts a charge decay time of less than one second, ensuring a swift and secure discharge. Chilworth Technology, global process safety experts now part of Dekra, have confirmed its dissipative properties, emphasizing that a properly grounded Voltbuster hose will not retain an electrostatic charge prone to creating brush discharges.

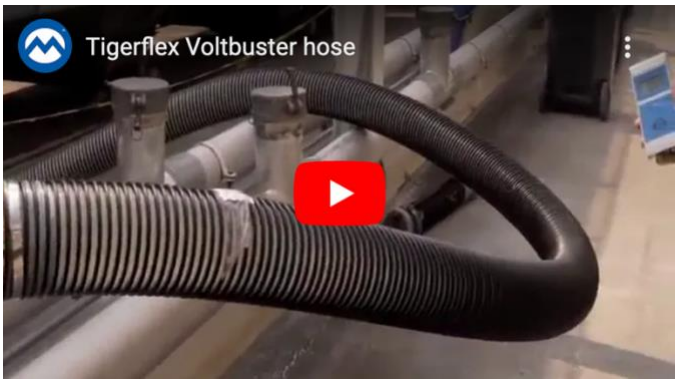
A Flexible Alternative, Even in Sub-Zero Temps

Tailored for facilities handling powders, pellets, or granular materials, Voltbuster provides a lightweight and flexible alternative to bulky metal and rubber hoses. Constructed from abrasion-resistant, food-grade polyurethane, it remains flexible even in sub-zero temperatures. Beyond ensuring the purity of transferred materials, the hose also allows for visual confirmation of material flow.

Voltbuster has already demonstrated its effectiveness in major processing plants. Its success lies not only in its innovative design but also in its contribution to worker safety, ease of handling, and operational efficiency making it the overall best hose to combat static challenges.

Video: Voltbuster vs. Non-Static Dissipative Hose Testing

Watch the video below to see the how a non-static dissipative hose can generate up to 200,000 volts while the Voltbuster generates zero for Aurora Plastics:



Your Partner in Injection Molding Safety & Efficiency

Not sure if you need the Voltbuster or another food-grade, heavy-duty, static dissipative hose like the Tigerflex WBS Series? Plastixs has been a trusted distributor of Tigerflex since 1999, with prior experience dating back 1987, and we can help you identify exactly what is needed for your application. Contact our team to learn more about Tigerflex hose and injection molding best practices.

Contact us to learn about static dissipative hoses