

Innovation Is in the Air

Polymer Technologies makes materials that control the temperature in equipment, but when it comes to the weather, we just have to wait for the seasons to change.

We've been trying to stay cool during the recent heat wave while whipping up new energy management solutions as usual.

We just launched a new line of polyester fiber, which puts a new spin on an old product. Keep reading to find out what makes our fiber unique and different!

In other news, we published [two new eGuides](#) featuring our solutions for heavy trucks and emergency vehicles as well as the mass transportation industry. We also [filmed a video](#) showing off our custom molded foam facility and our manufacturing process for producing molded parts.

Feel free to bring your laptop outside so you can enjoy the weather while checking out everything we want to share! We're excited to help you explore new possibilities with product development.

Never Stop Thinking Forward,
Robert Prybutok
President & CEO



New Product Alert: Vertically Lapped Poly Fiber, Type V (PPFV)

Polymer Technologies is excited to announce that we've put a new spin on an old product with the launch of POLYDAMP® Poly Fiber, Type V (PPFV). Compared to other fibers, our polyester fiber provides superior flexibility and resiliency due to its unique fiber orientation. Its flexibility, resiliency, flame resistance, and acoustical performance are comparable to that of urethane foam while its temperature resistance is comparable to that of melamine foam. PPFV bridges the characteristics of these legacy acoustical absorbers to give engineers the best of both.

The fiber is available with film facings to improve performance and longevity, and it can also be used with barrier layers for the dual benefit of absorbing reverberating sound and containing incident noise waves. Contact us to learn more about our vertically lapped polyester fiber.

[Contact us](#)



Video: Inside the 3D Foam Manufacturing Process

Custom molded foam is an amazing solution with many industrial applications, but engineers don't always know what their options are. We've made it our mission to spread the word about 3D parts and their potential to simplify manufacturing while delivering sophisticated noise, vibration, and temperature control. So, we turned on the cameras to give you a 60-second look inside the 3D foam manufacturing process at our Polymer Molded Products (PMP) facility.

[Watch the video](#)



Product Spotlight: Elastomeric Engine Mounts

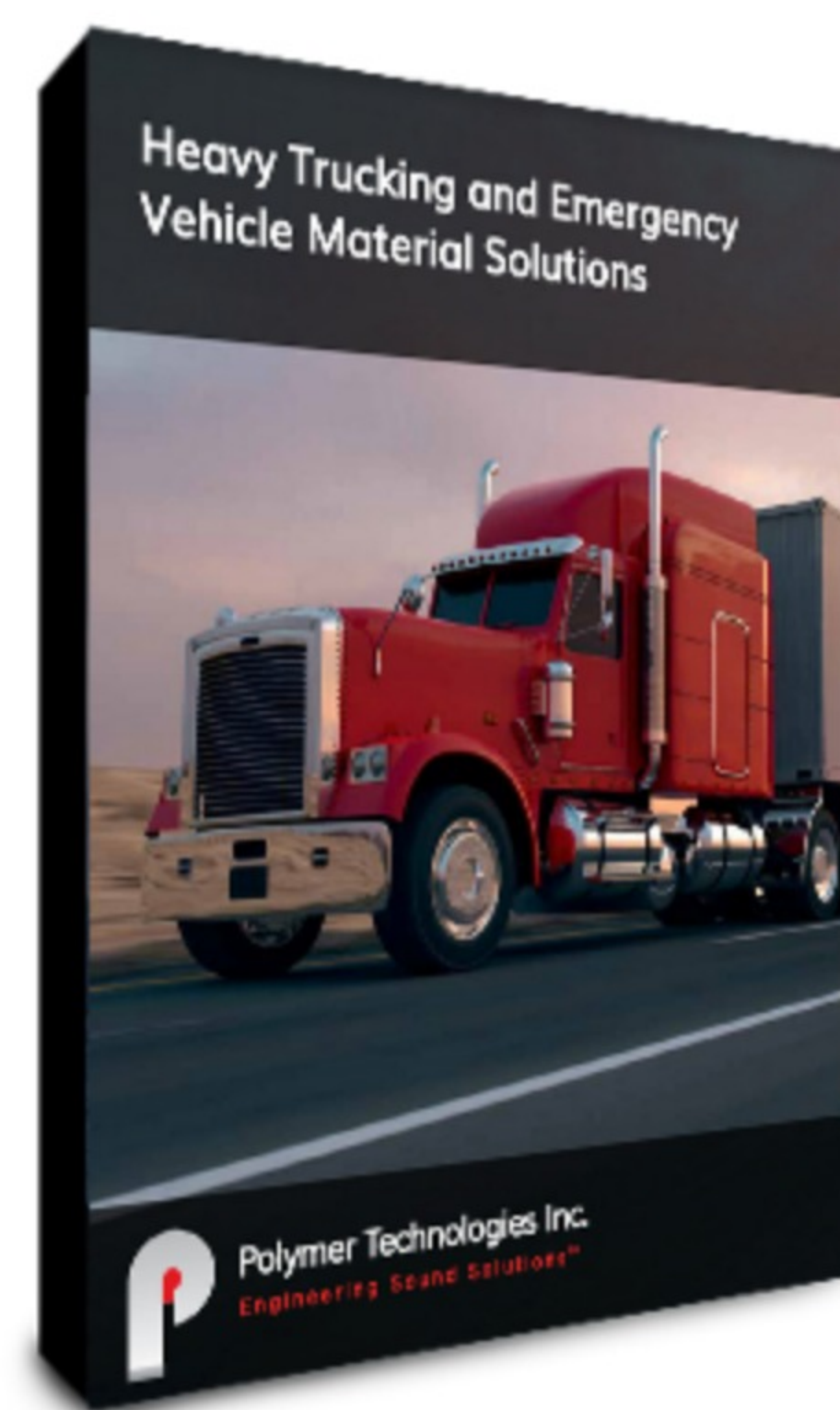
The Elastomeric Solutions Division (ESD) at Polymer broke ground with the development of DuraFlex®, our resilient line of rubber compounds. DuraFlex® rubber scored a 0° temperature rise on the Goodrich Flexometer Test, which is the lowest of any rubber, and the solution has been used for engine mounts, tire formulations, conveyor belts, and military applications.

ESD is also responsible for ArmorFlex® and SquishyFlex® anti-vibration mounts, which are ideal for engines, generators, compressors, off-highway equipment, and construction equipment. Have you checked out our rubber mounts and vibration isolators yet? If not, we highly recommend you take a look! Our ESD catalog features over 200 pages of technical data sheets about our shock and vibration solutions.

[Download the ESD catalog](#)

New eGuides about Material Solutions

Lately, we've been compiling information about materials for popular industries and putting it all into [handy eGuides](#) to show manufacturers their options. In the winter, we released our guide to [energy management solutions for marine applications](#), and now it's time to show some love to the heavy trucking and mass transportation industries!



Material Solutions for Heavy Trucking and Emergency Vehicles

We have been developing materials to help original equipment manufacturers of heavy trucks, fire trucks, and ambulances since our inception. Our solutions for vehicles encompass acoustic barriers, rubber mounts, high performance hoses, and more. Download our newest eguide about solutions for heavy trucking and emergency vehicles to see what we have to offer. Remember that we can always develop a custom solution if you have a unique manufacturing challenge!

[Download now](#)



Energy Management Solutions for the Mass Transportation Industry

Our materials are also used to provide noise, heat, and vibration solutions for rail cars and buses, so we created a guide for the mass transportation industry. The materials it covers include:

- Acoustic and Thermal Insulation for Rail Cars and Buses
- Noise, Heat, and Vibration Isolation Solutions for Engine Enclosures
- Isolation Mounts for Vibration Damping
- High-Performance Hoses

[Download now](#)



Featured Blog Post: 7 Questions a Polymer Supplier Can Answer During Product Development

When engineers come to us for help with product development, we work closely with them to find the right solution. Budget, time constraints, and performance concerns all play a role when you're looking for a supplier. We always make sure that we listen to our clients, address their questions, and deliver a solution that meets their requirements. There are 7 questions in particular that we are frequently asked. If you're not decided on a supplier yet, you can turn to these questions to guide you. Stay away from any supplier who can't answer them!

[Read the article](#)



On the Road Again Upcoming Trade Shows

- **Oct. 28–31, 2019** | NACV – North American Commercial Vehicle Show (Atlanta, GA)
- **Nov. 19–21, 2019** | POWER-GEN (New Orleans, LA)

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