

Ashtabula Rubber Co.

DESIGN • PROTOTYPING • PROJECT MANAGEMENT • GLOBAL MANUFACTURING & SOURCING

Rubber Spring Handles the Heat

A heavy-duty truck braking system manufacturer approached us about enhancing the performance of an existing rubber spring. Although the old spring was working well, newly designed braking systems would subject the component to higher temperatures. The customer needed us to design a rubber spring with the same dynamic performance that could maintain its properties in temperatures that climb as high as 250 Degrees Fahrenheit, as well as last for at least 500,000 miles. By working closely with our customer's design engineers and understanding the details of the application environment, Ashtabula Rubber quickly supplied prototypes of three alternative materials.



Ashtabula Rubber's ability to improve existing components, as well as provide rapid prototypes, has enabled us to build strong relationships with our customers, while our rubber component technical knowledge and manufacturing expertise keeps them coming back year after year.