



COMMERCIAL CARBON FIBER

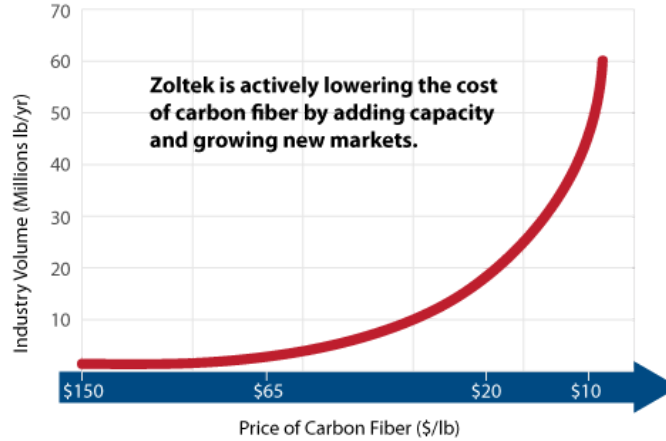
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Carbon Fiber

- What is Carbon Fiber?
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The History of Carbon Fiber

During the 1970s, experimental work to find alternative raw materials led to the introduction of carbon fibers made from a petroleum pitch derived from oil processing. These fibers contained about 85% carbon and had excellent flexural strength. Unfortunately, they had only limited compression strength and were not widely accepted.



What once began as a space age material for the aerospace market has now become commercialized.

Today, carbon fibers are an important part of many products, and new applications are being developed every year. The United States, Japan, and Western Europe are the leading producers of carbon fibers.

PRODUCTS

- Panex 35
- Panex 30
- Pyron

APPLICATIONS

- Wind Energy
- Automotive
- Offshore Drilling
- Infrastructure
- CNG/Pressure Vessels
- Thermoplastic Compounding
- Marine
- Energy Storage
- Friction Resistance
- Sporting Goods

COMPANY

Zoltek Companies, Inc., through our wholly owned subsidiaries, engages in the development, manufacture, and marketing of carbon fibers for various applications. Our carbon fibers are used as the primary building material in commercial products. We sell our commercial grade carbon fibers under the PANEX trade name and our oxidized acrylic fiber under the PYRON trade name. Our operations are primarily in the United States, Mexico and Europe and we sell our products worldwide.

Today Zoltek products are increasing the energy output of wind turbines, creating more fuel efficient vehicles, and lifting other industries to higher levels of performance.

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