



Case Study

Custom T-Top Protective Bag



Summary: Acme Mills partnered with American Sunroof Corporation and Webasto Sunroofs to develop a protective bag for convertible T-tops, focusing on durability and cushioning to safeguard the panels during storage and transport.

Project Specifications

- ⚙️ **Material Supplied:** Custom-engineered felt fabric, designed to provide both strength and cushioning, ensuring the T-top panels are protected from scratches and impacts.
- ⚙️ **Application:** Crafted into protective bags tailored for convertible T-top panels, offering a snug fit and ease of use for end customers.
- ⚙️ **Quantity:** Produced in quantities aligning with the production schedules of American Sunroof Corporation and Webasto Sunroofs, ensuring timely availability for each T-top unit.
- ⚙️ **Delivery Schedule:** Coordinated with the clients' manufacturing timelines to ensure seamless integration into their distribution processes without delays.

Capacity and Scalability

Acme Mills demonstrated the ability to scale production efficiently, accommodating the increasing demands of both American Sunroof Corporation and Webasto Sunroofs. The company's advanced manufacturing capabilities enabled it to handle substantial orders while maintaining stringent quality standards.



Manufacturing Details

MATERIAL SELECTION AND PREPARATION

Acme Mills selected high-quality felt known for its durability and cushioning properties.

The material was then prepared to meet the specific dimensions and requirements of the T-top panels.



PRODUCTION PROCESS

Cutting: Utilized precision cutting techniques to ensure each piece of felt met the exact specifications required for the protective bags.

Sewing: Employed skilled sewing techniques to assemble the bags, ensuring strong seams and a perfect fit for the T-top panels.

Finishing: Applied finishing touches to enhance the durability and appearance of the bags, including quality checks for consistency.



QUALITY CONTROL

Material Testing: Conducted tests to ensure the felt met industry standards for strength and cushioning.

Dimensional Checks: Verified that each bag conformed to the precise dimensions required for a snug fit.

Functional Testing: Assessed the ease of inserting and removing the T-top panels to ensure user convenience.





Uses and Applications

The custom felt protective bags offer several advantages:



ENHANCED PROTECTION

The felt material provides a soft yet durable barrier, preventing scratches, dents, and other potential damages during handling and storage.



EASE OF HANDLING

Lightweight and designed for user-friendliness, the bags allow customers to easily store and transport their T-top panels.



AESTHETIC APPEAL

The high-quality felt offers a premium look and feel, enhancing customer satisfaction with the overall product experience.

Through the development of custom felt protective bags, Acme Mills successfully provided American Sunroof Corporation and Webasto Sunroofs with a solution that enhanced the protection and customer experience of their convertible T-top panels. This collaboration underscores Acme Mills' commitment to delivering high-quality, tailored textile solutions that meet the specific needs of its clients.

Contact Acme Mills

Need assistance in maximizing manufacturing efficiencies to ensure quality and optimize costs? Call or email us today and one of our skilled team members will lead the way. (800) 521-8565 ~ info@acmemills.com