

NONEXTENSILE

Meaning: Nonextensile refers to a property of materials that do not stretch or elongate under tension, making them stable and shape-retaining.

1. The material was chosen for its nonextensile properties, making it ideal for applications requiring stability under tension.
2. In the realm of materials science, nonextensile substances are often preferred for structures that must maintain their shape.
3. Engineers often face challenges when designing components that need to incorporate nonextensile materials while ensuring flexibility in other areas.
4. The nonextensile nature of the fabric allowed it to withstand the rigors of extreme weather without losing integrity.
5. Understanding the concept of nonextensile forces is crucial for anyone involved in mechanical design and structural analysis.

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