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Strapping

Product Comparison Guide



Choosing the Right Strapping for Your Needs

Australian logistics operations face unique challenges when securing loads for transport. Selecting the proper strapping material is essential for safety, compliance, and cost efficiency.

Comparing Strapping

Feature	PET Strapping	Steel Strapping	Polypropylene Strapping	Composite Strapping
Ideal Applications	Heavy palletised goods, timber products, building materials, export shipping	Maximum security applications, heavy metals, timber, bricks, industrial materials	Light to medium loads, bundling, carton closure, general packaging	Specialised applications, corrosive environments, situations requiring non-conductive materials
Tensile Strength	High (comparable to steel)	Highest available	Limited (suitable for lighter loads)	High (comparable to steel)
Elongation & Recovery	Excellent recovery properties	Minimal elongation	Higher elongation (less secure for heavy items)	Balanced strength and flexibility
Safety Features	No sharp edges when cut, lighter weight reduces injuries	Creates sharp edges when cut, heavier weight increases handling risks	Lightweight and easy to handle	No sharp edges when cut, reinforced materials reduces injuries
Environmental Factors	Resistant to UV damage and weathering, recyclable	Performs well in extreme temperatures	Limited weather resistance	Corrosion resistant, UV resistant
Cost Efficiency	Most cost-effective alternative to steel	Higher material costs	Cost-effective but limited to light applications	Cost-effective alternative to steel

Selection Guide

Selecting the optimal strapping solution requires careful consideration of your specific operational needs. The right choice balances load security, handling safety, and cost-effectiveness while ensuring compliance with transport regulations.

Below we outline the key factors to consider when making this important decision. By evaluating these elements in the context of your unique requirements, you can identify the strapping material that will deliver the best performance and value for your application.

Consider	Why It Matters
Load Weight & Type	Heavier loads require higher tensile strength. Different load profiles (i.e. irregular shaped loads) require more flexibility.
Transport Conditions	Weather exposure, temperature changes, and handling affect performance.
Application Frequency	High-volume operations benefit from ease of use and reduced risk.
Safety Requirements	Proper selection ensures handling safety and Chain of Responsibility compliance.
Cost Considerations	Balance material costs with potential damage or injury costs. Consider cost of tooling.



Free Site Assessment

X-Pak offers free site assessments to determine your optimal strapping solution. Our experts will evaluate your specific requirements and recommend the most appropriate products for your operation.

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