

Wheel Restraint Evaluation Matrix

Vendor Scorecard for Loading Dock Safety Upgrades

Evaluation Criteria	Standard Rubber Chocks	Molded Plastic Chocks	Ergo Wheel Chocks (Steel)
1. Ergonomics & Worker Safety			
Eliminates Lower-Back Bending	✗ No (Requires deep bending)	✗ No (Requires deep bending)	✓ Yes (Upright Handle)
Prevents Friction-Locking/Prying	✗ No (High friction bind)	~ Varies	✓ Yes (Rigid steel release)
2. Material Durability & Lifespan			
Immune to UV Rot & Cracking	✗ No (Fails rapidly outside)	~ Moderate (Can become brittle)	✓ Yes (Solid Steel)
Zero Compression Under Heavy Loads	✗ No (Flattens over time)	✗ No (Cracks under weight)	✓ Yes
3. Compliance & ROI			
OSHA 1910.178 Compliant	✓ Yes (Until degraded)	✓ Yes (Until cracked)	✓ Yes (Permanent)
Capital Asset vs. Recurring Cost	Recurring Expense	Recurring Expense	Permanent Capital Asset
Made in the USA / Veteran-Owned	Usually Imported	Usually Imported	✓ Yes