Compare the types of forklift truck tires

Tire type	Ideal use	Pros	Cons
Pneumatic tires (air-filled)	Rough yards, mixed outdoor work	Comfortable ride, good traction, excellent shock absorption	Prone to punctures, requires pressure, checks and repairs
Pneumatic tires (foam-filled)	Outdoor sites with debris and frequent punctures	Flat-proof consistent footprint, low downtime	Heavier, generates heat at speed, higher cost, speed limitations
Resilient solid (pneumatic profile)	Indoor/outdoor, uptime-critical operations	Flat-free, durable, stable handling	Firm ride, more heat at high speeds, higher initial cost
Cushion/ press-on (rubber)	Smooth indoor floors, tight aisles, loading docks	tight turning radius, low rolling resistance, compact size	Not suited for uneven or broken surfaces, low ground clearance
Cushion/ press-on, (polyurethane, PU)	Clean, dry warehouses with light-duty electric trucks	Ultra-low rolling resistance, precise feel, energy efficient	Poor shock absorption, cut-sensitive, avoid wet or uneven conditions

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