

CASTER SELECTION GUIDE

Standard Casters & Wheels	Description	Image	Floor Surface		Floor Conditions			Other Factors to Consider								
			Asphalt / Brick / Ceramic tile	Carpet / Linoleum	Concrete	Steel Grate / Dock Plate	Chemicals	Debris / Metal Shavings	Slippery / Wet / Steam	Non-Marking / Floor Protection	Noise	Cushion Load	Impact Resistance	Caster Weight Capacity	Rolling Ease	Standing Loads / Long Term Storage
Mold-On Rubber, Blue Elastic	Designed for medium to heavy loads, these wheels with cushioned rubber tread are quiet and provide good floor protection.		■	⊗	■	▣	⊗	⊗	▣	▣	■	■	■	▣	▣	⊗
Phenolic	For demanding applications, a less expensive wheel that offers high strength, is non-marking, non-conductive and protects floors.		⊗	▣	■	⊗	▣	⊗	▣	▣	▣	▣	■	■	■	■
Polyolefin	A heavy-duty, lightweight, non-marking plastic wheel that resists most chemicals and oils, and has excellent impact resistance.		⊗	▣	■	⊗	■	▣	■	▣	▣	▣	▣	▣	■	⊗
Polyurethane	Chemically bonded to a metal core, polyurethane wheels are more durable than other materials, deliver excellent mobility, a cushioned ride and long life when subjected to heavy loads.		■	▣	■	▣	▣	▣	▣	▣	▣	▣	▣	▣	▣	⊗
Pneumatic, Semi-Pneumatic	Air-filled for excellent shock protection, floor protection and easy operation over rough surfaces.		■	⊗	■	■	⊗	⊗	▣	▣	■	■	■	▣	⊗	⊗
Steel	A good choice for warehouses and manufacturing operations, and where noise or floor protection are not a concern. Metal wheels offer the least rolling resistance.		⊗	⊗	■	⊗	▣	■	▣	⊗	⊗	⊗	■	■	■	■
Thermoplastic, Gray Non-Marking Rubber	Soft gray rubber wheel provides excellent floor protection and a cushioned ride while resisting chemicals, acids, oils and caustic substances.		■	▣	■	▣	■	▣	■	■	■	■	■	▣	▣	⊗
Easy-Roll	Thermoplastic rubber with superior precision bearings. Non-marking wheel rolls effortlessly over most surfaces; ideal for indoor use such as offices or hospitals.		■	■	■	▣	■	▣	▣	■	■	■	■	▣	▣	⊗

■ = Excellent ▣ = Ok ⊗ = Not Recommended

CASTERS & WHEELS

Our generous selection of caster and wheel options allows platform trucks, hand trucks, dollies and shelf carts to be customized to fit hundreds of applications, surfaces and conditions. Caster and wheel choices allow you to resolve problems of noise control, floor protection, impact and abrasion resistance or load capacity.

Caster	Caster Weight Capacities (Lbs.)*						
	10	8	6	5	4	3.5	3
Mold-On Rubber, Blue Elastic	3200	2200	1600	1400	1200	-	-
Phenolic	14,000	4200	3600	3600	-	-	-
Pneumatic	1500	1200	-	-	-	-	-
Polyolefin	-	3200	2600	1800	1000	-	900
Polyurethane	8800	4200	3600	3600	-	-	-
Semi-Pneumatic	2200	-	-	-	-	-	-
Steel	-	4200	3600	3600	1200	-	1000
Thermoplastic	-	600 [†]	-	400 [†]	-	-	-
Gray Non-Marking Rubber	-	-	2000	-	-	1000	-
Easy-Roll	-	-	2000	-	-	-	-

*Based on evenly distributed load on 4 casters. †Light-duty.

Akro-Mils offers other premium casters for your custom products. Call 800-253-2467 for details.

IT'S ALL ABOUT THE WHEEL

Other 3" polyolefin caster Akro-Mils 3" polyolefin caster

Those that depend upon platform trucks, carts and dollies to do their jobs understand that the right caster makes ALL the difference.

For example, not all 3" polyolefin casters are built the same, even if they look similar. Akro-Mils gives you more:

- ➔ **Double Ball Race vs. Single Ball Race.**
This provides better rotation and control.
- ➔ **Sealed Wheel Hub Ball Bearings vs. Plain Bore.**
This provides better overall roll ability.
- ➔ **More Structural Wheel Profile.**
Allows the wheel to be stronger under impact.
- ➔ **Heat-Treated Plate Raceway vs. Non Heat-Treated.**
This provides better support under load conditions.

GET MORE OF WHAT YOU PAID FOR WITH AKRO-MILS!