



Caster Information

HIGH-QUALITY WHEEL & CASTER OPTIONS

800.253.2467
akro-mils.com

CASTER INFORMATION

CASTER SELECTION GUIDE

Standard Casters & Wheels	Description	Image	Performance Indicators													
			Floor Surface				Floor Conditions				Other Factors to Consider					
Mold-On Rubber	Designed for medium to heavy loads, these wheels with cushioned rubber tread are quiet and provide good floor protection.		■	⊗	■	▣	⊗	⊗	▣	▣	■	■	■	▣	▣	⊗
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.		■	⊗	■	■	⊗	⊗	▣	▣	■	■	■	▣	⊗	⊗
Pro-Tech Polyurethane	Maintenance-free precision wheel bearings, non-marking polyurethane tread on polypropylene core.		■	▣	■	▣	■	▣	▣	■	■	▣	■	▣	▣	⊗
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.		■	▣	■	▣	■	▣	■	■	■	■	■	▣	▣	⊗

■ = Excellent ▣ = Ok ⊗ = Not Recommended

Caster	Caster Weight Capacities (Lbs.)*						
	10	8	6	5	4	3.5	3
Mold-On Rubber, Blue Elastic	3200	2200	1600	1400	1200	-	-
Pneumatic	1500	1200	-	-	-	-	-
Polyolefin	-	3200	2600	1800	1000	-	900
Polyurethane	8800	4200	3600	3600	-	-	-
Pro-Tech Polyurethane	-	-	3000	-	-	-	-
Semi-Pneumatic	2200	-	-	-	-	-	-
Thermoplastic	-	600 [†]	-	400 [†]	-	-	-
Gray Non-Marking Rubber	-	-	2000	-	-	1000	-

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

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!