

Aero-Caster® Selection Guide



Neoprene



Urethane



Gapmaster



DuraGlide



Slide Mount

MODEL NAME	STANDARD DUTY	HEAVY DUTY	APPLICATION	ADVANTAGE
Neoprene	N	NHD	Used in over 80% of applications, Standard Duty Neoprene Aero-Casters® are more compliant & better able to navigate over small irregularities than stronger/stiffer models or the Heavy Duty (HD) versions. Typical operating surface is smooth, steel-troweled & sealed concrete. Best for low-load/low pressure applications.	Standard Neoprene series Aero-Casters perform to specification with virtually no wear. The “N” has the lowest relative air consumption for a given size because of its high compliance torus design. Constructed with a reinforced Neoprene face.
Urethane	U	UHD	10% of applications may require Urethane Aero-Casters. Less forgiving of low-load/low pressure conditions. Slightly higher air consumption due to stiffer/stronger torus face. Consult Regional Manager or factory for advice.	Superior resistance to severe abrasion due to special wear-resistant Urethane face construction. Stiffer/stronger torus face.
Gapmaster	G	GHD	Unusual environments such as crossing gaps or steps. Typically used in cleanroom and theatrical industries.	Specially designed to cross gaps and steps. Somewhat higher friction and lower load range than other Aero-Casters. No dust particulates.
DuraGlide	D	—	For high travel rates and/or surfaces difficult to keep clear of debris. Provides lower lift than the N and U models. Not usually suitable for lift-dependent applications (e.g. insert-lift-move skids).	Extra-long life and rugged durability. The DuraGlide Aero-Caster was subjected to the most extensive laboratory and special on-site testing of any Aero-Caster in the world during development.
High Lift	HL	HL	High Lift Aero-Casters® provide additional lift height during operation with a slight trade-off in flexibility. Requires good operating surfaces.	Ideal for special applications where additional lift height is required. Contact your Regional Manager or factory for advice.
Slide Mount	SM	SM	Slide mount system is attached to the product application.	Easier maintenance and fast replacement. Easy caster removal for inspection or repair, whether the product is loaded or unloaded.
Bond Line	B	B	Used when there are issues sealing the caster to the floor.	Ensures full torus bag inflation at low pressure.

AeroGo Aero-Casters are ASME B30.1 compliant. For more information on friction, surface, air consumption, size effect and other factors, call 800-426-4757.