



Aero-Caster® Selection Guide

Standard Duty	Heavy Duty	Model Name	Applications	Advantages
N	NHD	Neoprene	Used in over 80% of all 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.
U	UHD	Urethane	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.
G	GHD	Gapmaster™	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.
D	—	DuraGlide™	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.
HL	HL	High Lift	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.
SM	SM	Slide Mount	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.
BL	BL	Bond Line	Used when there are issues sealing the caster to the ground.	Ensures full torus bag inflation.



Neoprene fixed mount with center landing pad.



Urethane fixed mount with landing pads.



Gapmaster.



DuraGlide, fixed mount.



Slide mount are a popular option because they are easy to maintain.

All AeroGo Aero-Casters are ASME B30.1 compliant.

Ask for more information on friction, surface, air consumption, size effect & other factors.



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