

# AERO-CASTER® MODELS

## Neoprene Aero-Casters



Fixed-Mount 21-inch Neoprene model with center landing pad

### The most popular model.

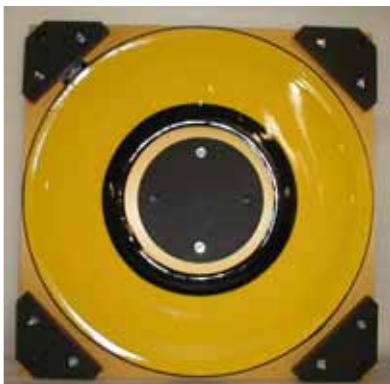
Used in over 80% of applications, Standard **Neoprene** series Aero-Casters® perform to specification with virtually no wear. Best for low pressure and low-load applications. This model's high compliance torus bag design provides the lowest air consumption of the series. Heavy Duty Neoprene is reinforced with standard seal coating is advisable for added surface wear resistance.

#### Fixed-Mount



**Slide-Mount** versions are extremely popular due to their added ease of maintenance.

## Urethane Aero-Casters

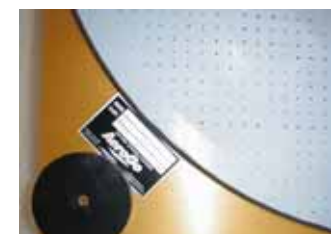


Fixed-Mount 27-inch Urethane model with landing pads

Severe abrasion conditions? Then the **Urethane** Aero-Caster® may be the appropriate choice. 10% of all applications may require this Aero-Caster series for their superior resistance to severe abrasion and use for loads exceeding the Neoprene specifications. The Urethane model is less forgiving of low-load/low pressure conditions & slightly higher air consumption than the Tuffcoat series, it does provide better resistance to abrasion.

**Typical Applications:** Used in applications with frequent or long moves, rough floors or with some debris or concrete dust.

## Gapmaster Aero-Casters



Gapmaster 21-inch Aero-Caster and Gapmaster section - Close-up

Need to cross gaps, steps or slightly porous surfaces? The **Gapmaster™** allows Aero-Caster operation in unusual environments. Increased friction and lower load range than other models.

**Typical Applications:** Originally developed for theater applications to move stage sets and theater seating, the Gapmaster™ can also be effective in cleanrooms, autoclaves; moving dies over t-slots; moving loads into and out of elevators or onto flush mount scales, lift tables and pit covers.

## Tuffcoat Aero-Casters



Fixed-Mount 21-inch Tuffcoat model with center landing pad

Up to 10% of applications may require **Tuffcoat™** Aero-Casters® to provide significant abrasion resistance and greater value on surfaces with irregularities and/or gritty conditions. Slightly less forgiving of low-load/pressure conditions and also slightly higher air consumption than the Neoprene series due to stiffer torus design. This series is essentially a Neoprene face reinforced with a special AeroGo wear-resistant coating.

**Typical Application:** Surfaces that are rougher than normal for Neoprene Aero-Casters, or for more frequent or longer movement of heavy loads are ideal for a Tuffcoat Aero-Caster.

## DuraGlide Aero-Casters

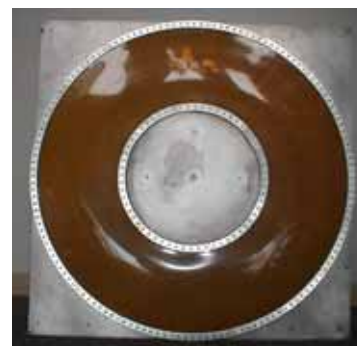


Fixed-Mount 21-inch DuraGlide model

For high travel rates and/or surfaces difficult to keep clear of debris the **DuraGlide™** is the ideal choice. Subjected to the most extensive laboratory & special on-site testing of any air-film caster in the world it offers extra-long life and proven rugged durability. Provides lower lift than the Neoprene, Tuffcoat & Urethane, so it is less suitable for lift-dependent applications (e.g. insert-lift-move skids).

**Typical Application:** Designed specifically for the Modular Home Assembly industry. Dual-caster Load Beams are fitted with this model and perform 8-15 Ton home moves in 30 minute cycles, 170m per day.

## Water Casters



60-inch Water Caster

Extraordinary strength & durability. Used around the world to lift & move loads over 6,000 tons! For the largest mega-heavy loads, AeroGo developed this super-duty caster using water instead of air as the fluid film for higher capacity & lower operating cost. Proprietary Duroton™ operating face developed exclusively by AeroGo to provide the best in strength & low friction. Fresh & salt water models available.

**Typical Applications:** Mega-ton Cassions, Prefab Concrete, Ship Building/Marine, and many other outdoor moving applications.