



APPLICATION OVERVIEW:
iglide® Q plastic bushings are used in the rear wheel suspension of this electric scooter.

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CASE STUDY

PLASTIC BUSHINGS FOR ELECTRIC SCOOTER



Rear-wheel suspension

A new-design scooter uses an ultra-modern and effective electric drive tucked away in its carbon-fiber constructed interior. iglide® plastic bushings are used in the rear-wheel suspension and help enable a comfortable riding experience.

High loads

In fact, all the mountings on this innovative vehicle use iglide® plastic bushings, with the exception of the wheel bearings which use ball bearings.

iglide® Q plastic bushings are particularly well-suited to heavy-duty applications: they cope well with high loads and different pivoting angles.

Even in tough environmental conditions - like those encountered by an electric scooter out on the road - the igus® bushings are extremely wear resistant. This





includes sub-zero temperatures, as well as heat and humidity. Even hard impacts as a result of potholes in the road, or the continuous vibrations do not affect the functionality of bushings.

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