



Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA
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Nylon Rollers for Smooth, Reliable Gate Guidance

Designed for high-performance residential, commercial, and industrial access systems, our nylon guide rollers provide smooth, ultra-quiet, and reliable guidance for sliding and cantilever gates.

Precision-machined from high-density, UV-stabilised polyamide (nylon) and some products reinforced with sealed steel ball bearings, these rollers minimise friction, prevent track wear, and eliminate the metal-on-metal noise typical of traditional steel components.

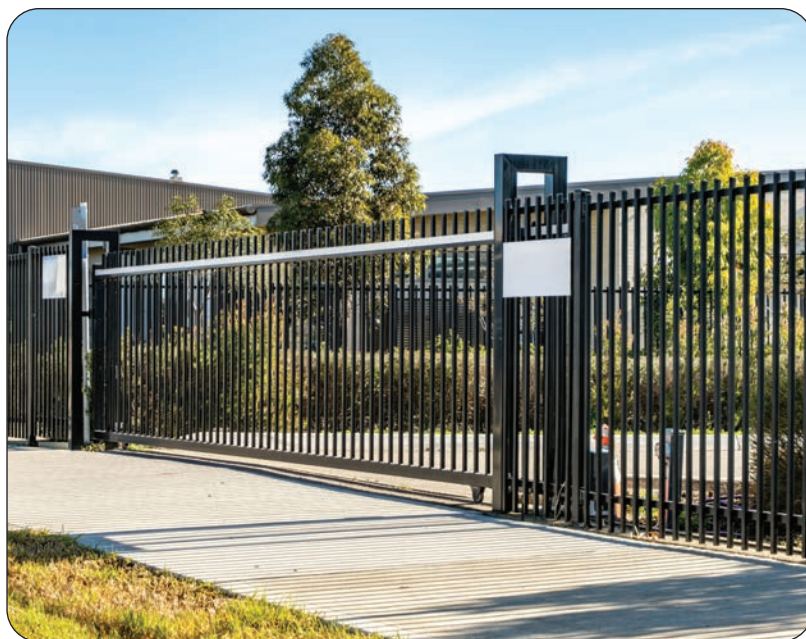
Engineered to withstand high load capacities, extreme weather conditions, and continuous cycle frequency, they deliver low-maintenance operation and long-term structural protection for automated and manual sliding gate set-ups.

Key Features

- ☉ **High-Density, UV-Stabilised Nylon**
(Offers impact strength and abrasion resistance)
- ☉ **Quiet, Track-Protective Operation**
(Dampens mechanical noise, vibration and friction)
- ☉ **Precision Ball Bearings**
(Some products have bearings to ensure smooth rotation and long service life)
- ☉ **Weatherproof & Chemical Resistant**
(Impervious to rust, salt spray, rain and common road chemicals)
- ☉ **Heavy Load Capacity**
(Designed to support heavy residential and commercial gate loads)

Suitable For

- ☉ Industrial Parks & Distribution Hubs
- ☉ High-Snowfall & Mud-Prone Regions
- ☉ Sloped or Uneven Driveways
- ☉ High-Security & Commercial Facilities
- ☉ Residential & Gated Communities



Technical Specifications

40mm Cylindrical Nylon Gate Roller - CN40

Designed to be used as an upper guide roller mounted inside a guide channel at the top of a gate post to keep the gate aligned and ensure smooth, quiet transit.

Note: This is not a main load-bearing wheel

Dimensions 40mm Ø 60mm (H) 96mm (L)
Material Galvanised Steel/Nylon



40mm Plain Nylon Roller with Bearing - RNF40

Plain nylon wheels with bearing and a threaded mounting pin for sliding gates.

The internal bearing ensures the roller spins easily even with gate weight against it.

Can be used with 58/40 U-Guide channels.

Dimensions 40mm Ø 64mm (H)
Material Galvanised Steel/Nylon



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48mm Plain Nylon Roller with Bearing - RNF48

Nylon sliding gate rollers with an internal bearing and threaded mounting pin for easy installation.

The bearing ensures smooth rotation, even under gate weight.

Compatible with 58/48 U-Guide channels.

Dimensions 48mm Ø 64mm (H)
Material Galvanised Steel/Nylon



60mm Plain Nylon Roller with Bearing - RNF60

Nylon sliding gate rollers with a built-in bearing and threaded mounting pin.

The bearing allows smooth, effortless rotation under gate load.

Compatible with 58/60 U-Guide channels.

Dimensions 60mm Ø 72mm (H)
Material Galvanised Steel/Nylon



80mm Plain Nylon Roller with Bearing - RNF80

These heavy-duty nylon sliding gate rollers feature an integrated internal bearing to guarantee smooth, effortless operation—even under substantial gate weight. Includes a threaded mounting pin for quick, straightforward installation.

Compatible with 58/80 U-Guide channels.

Dimensions 80mm Ø 73mm (H)
Material Galvanised Steel/Nylon



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