Ralphs-Pugh Cantilever Rollers - Plastic and Metal Tubes

Ralphs-Pugh cantilever rollers are available in many combinations of bearings, shafts and tube materials. We offer cantilever rollers for both gravity and powered applications. Cantilevered rollers are unique in that one end of the roller is capped preventing any type of contamination from reaching the bearing. The opposite end has an extended fixed shaft that can be threaded or standard finish. Typical applications are vertical guide rollers and belt guides.

Plastic Cantilever Roller Information:

Materials:

Tubes:

- Standard white PVC
- “Hi-Impact” white PVC with UV stabilizers

Drive Options: Grooves

Special Options:

- Plastic tube can be internally steel reinforced

Shaft Materials:

- Carbon Steel
- Stainless Steel
- Aluminum
- Zinc and Nickel Plating Available

Shaft Configurations / Options:

- Hex, Round
- Threaded or Standard Finish

Bearings:

Commercial Grade Ball Bearings:

Steel and Stainless Steel with or without labyrinth seal systems on the extended shaft end depending on tube configuration.

ABEC-1 Precision Bearings:

Chromium alloy steel or Stainless Steel ball bearings in a plastic housing, with a labyrinth seal system on the extended shaft end.

Metal Cantilever Roller Information:

Materials:

Tubes:

- Carbon Steel, Galvanized Steel, Stainless Steel, Aluminum

Tubes Finishes:

- Zinc and Nickel Plating
- Anodizing
- Polished
- Electropolished
- Passivated

Drive Options:

- Grooves

Cover Options:

- Urethane Sleeves
- HDPE
- UHMW
- PVC

Shaft Materials:

- Carbon Steel
- Stainless Steel
- Aluminum
- Zinc and Nickel Plating Available

Shaft Configurations / Options:

- Hex, Round
- Threaded or Standard Finish

Bearings:

Commercial Grade Ball Bearings: Carbon Steel and Stainless Steel with or without labyrinth seal systems on the extended shaft end depending on tube configuration.

ABEC-1 Precision Bearings: Chromium alloy steel or Stainless Steel ball bearings in an engineered conductive plastic housing with a labyrinth seal system on the extended shaft end.