

Urethane Sleeved Rollers

Urethane sleeved rollers are available in two styles, cast (for the best properties) or an extruded sleeve. Cast urethane prevents the sleeve from “walking” through the use of our proprietary casting process. Extruded sleeves utilize an interference fit. Urethane offers a variety of advantages over a standard steel tube. The most notable are shock and impact resistance, non-marking surface and superior cut, tear, and wear resistance. *When combined with Urethane Hexagonal Shaft Adapters and precision bearings, these rollers are the quietest available.*

How to use this section:

Our Customer Service department will require the following information to assist in the proper selection of a urethane sleeved roller:

- Finished diameter of sleeved roller
- Durometer of urethane
- Surface Finish – As cast (smooth) or ground (matte)
- Gravity or powered – (if powered, grooves or sprockets)
- Load and speed
- Environment
- Shaft size and configuration
- I.F. – Inside frame dimension
- Any side impact

Tube Information:

Tube Materials: Galvanized steel, carbon steel, stainless steel and aluminum.

Drive options: Location and dimensions of sprockets or grooves, one way clutch - (See drawings in this section).

Shaft Information:

Shaft Materials: Carbon steel, stainless steel, and aluminum. Zinc and nickel plating are available.

Shaft Configurations: Hex and Round

Shaft Extensions: Standard is 9/16” from the hub of the bearing to the end of the shaft per side. If you require a specific shaft length notify Customer Service when ordering.

Shaft Deburring: Standard on all shaft ends

Springs: Standard is dual spring loaded with shaft depressing to the hub of the bearing

