

Ralphs-Pugh Conductive Urethane Hex Shaft Adapters

Question: What is the best way to protect my conveyor system against frame wear?

Answer: The Ralphs-Pugh Quiet Roller with Urethane Shaft Adaptors.

As conveyors achieve higher speeds they will vibrate due to roller tubes that are not perfectly round. Over time this vibration/chatter causes the conveyor frame and roller shafts to wear as illustrated in the pictures. The Ralphs-Pugh Urethane shaft adapter eliminates frame and shaft wear, and metal to metal contact.

Our “Quiet Roller” features the Urethane Shaft Adapter and ABEC-1 precision ball bearings. The advantages of urethane are wear, tear, abrasion resistance, and the reduction of noise by eliminating metal to metal contact. Coupled with ABEC-1 precision bearings, the “Quiet Roller” provides the ultimate in wear resistance and noise dampening. The result is a quiet conveyor with lower maintenance, repair, and operating costs than a system with standard steel shaft rollers.

To hear the difference call us for an on-site demonstration.

Limitations and Considerations

- Temperature:** Not recommended over 200°F.
Hydrolysis: Can withstand water for years at low temperature. Cannot withstand steam.
Chemicals: Strong acids and bases will degrade urethane rapidly. Inquire before ordering.
Loads: Maximum load per roller is 100 lbs.

