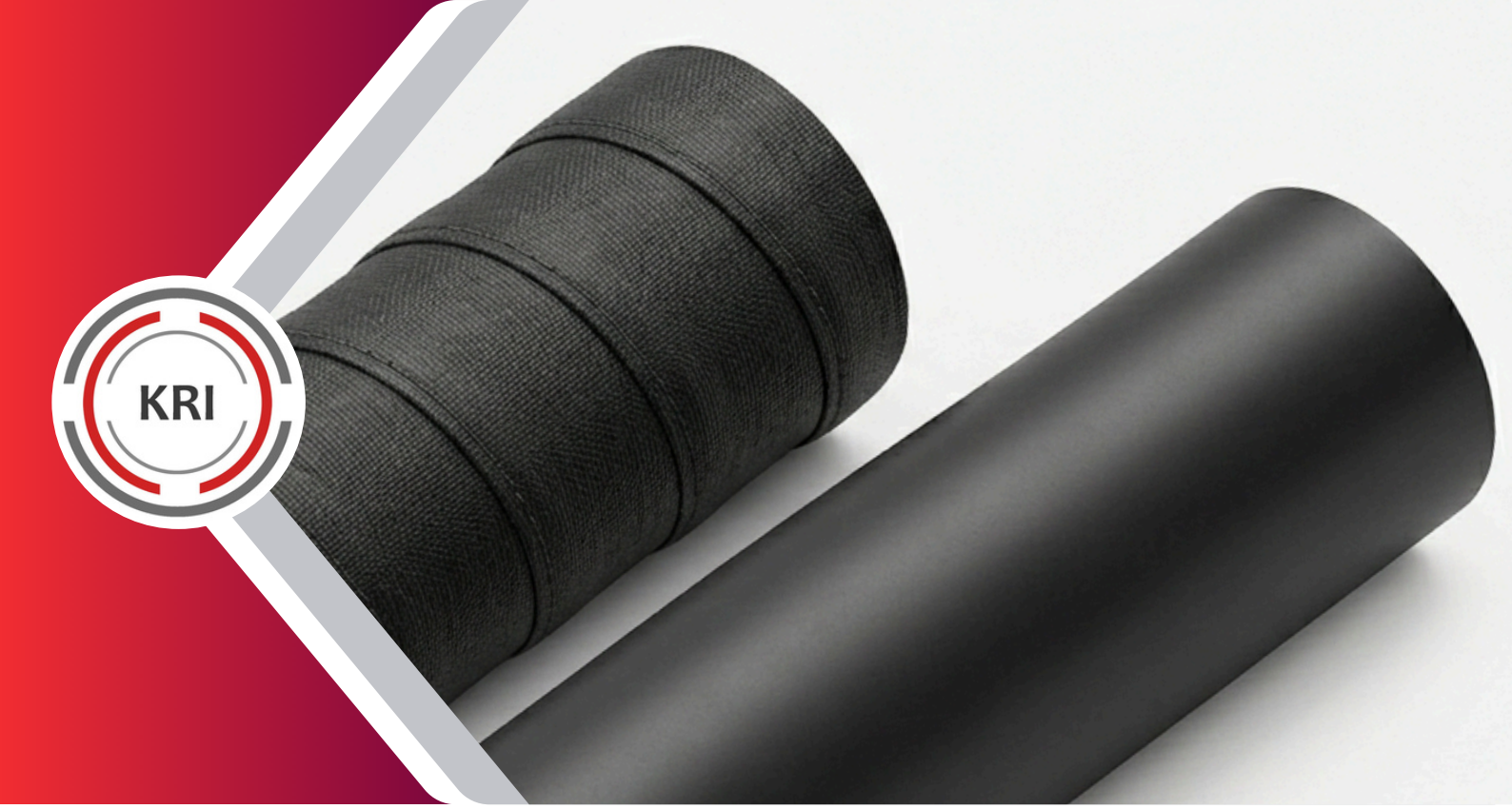
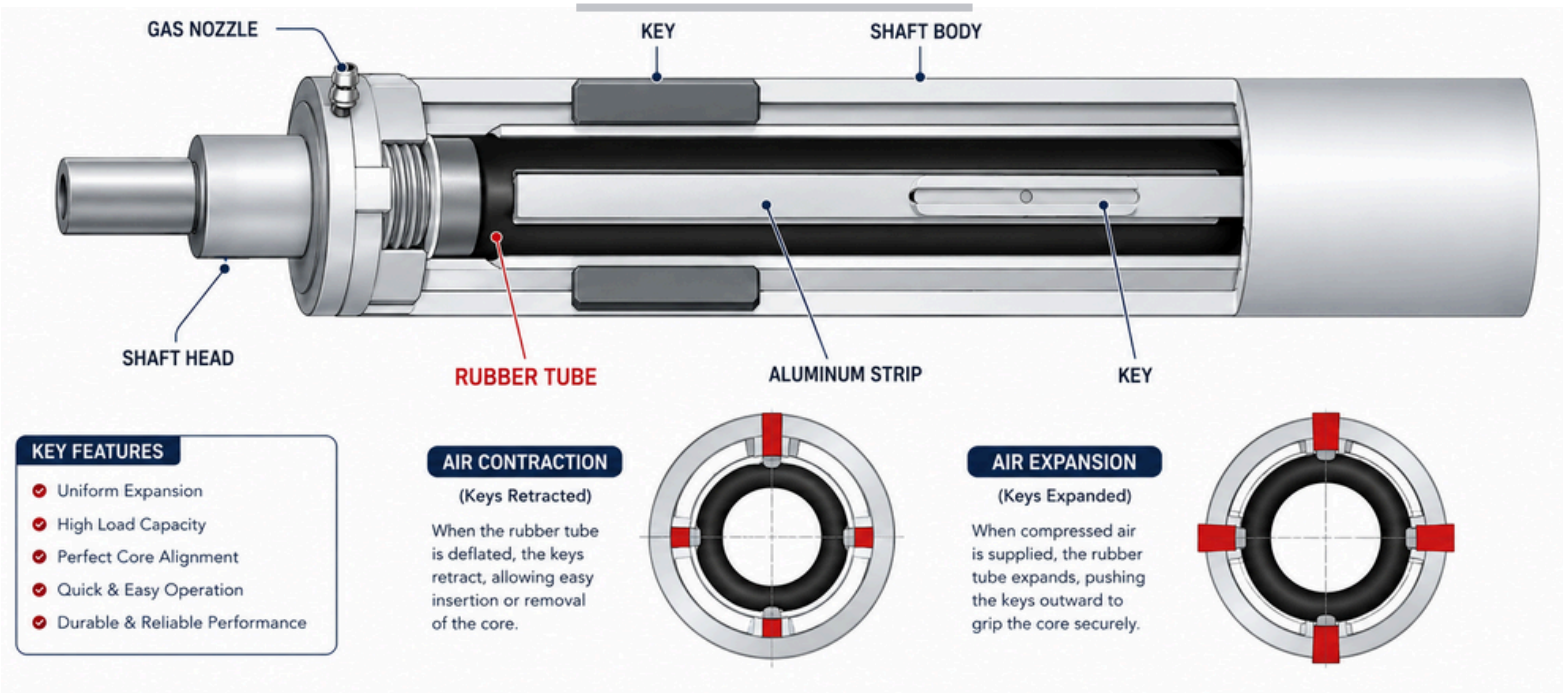


AIRSHAFT



KEY FEATURES

- Uniform Expansion
- High Load Capacity
- Perfect Core Alignment
- Quick & Easy Operation
- Durable & Reliable Performance

AIR CONTRACTION

(Keys Retracted)

When the rubber tube is deflated, the keys retract, allowing easy insertion or removal of the core.

AIR EXPANSION

(Keys Expanded)

When compressed air is supplied, the rubber tube expands, pushing the keys outward to grip the core securely.

GUIDE TO REPLACE AIRSHAFT TUBE

Follow this step-by-step guide to safely disassemble, clean, and re-inflate your shaft without pinching or damaging the air bladder.

🛠️ TOOLS & PREPARATION

* Replacement Air Bladder
  (ensure it perfectly matches your shaft's diameter and length)
* Allen keys / Hex keys (to remove flange/journal screws)
* Mild soap and water, or isopropyl alcohol (for cleaning)
* Non-corrosive machine oil (for lubricating internal parts)

1. DISASSEMBLY

1. **Deflate completely :** Ensure all air is removed from the shaft before starting.
2. **Secure the keys/lugs :** For **s**hafts with expanding keys, fasten the keys in their maximum expanding position by inserting a wire or pins into their designated holes.
3. **Remove the journal :** Unscrew the fixing screws on the valve side journal and carefully remove it.
4. **Extract the bladder :** Unscrew any internal clamping plates, then slowly pull the old air bladder and its air fitting out from the groove.

2. CLEANING & INSPECTION

1. **Clean the groove :** Wipe down the internal shaft groove using a cloth or compressed air to remove debris, old rubber residue, or metal shavings.
2. **Inspect internal parts :** Check the lug/strip springs and the mechanical journals for wear or deformation. Lightly lubricate moving parts with non-corrosive oil.

3. INSTALLATION OF THE NEW TUBE

1. **Prepare the new bladder :** Unroll the new air bladder and carefully insert the internal caps/fittings at each end of the tube.
2. **Position the bladder :** Lay the new bladder along the length of the shaft groove. Ensure the air fitting aligns perfectly with the external access hole in the shaft body. Do not twist or fold the bladder.
3. **Reassemble components :** Insert the bladder assembly inside the shaft body, then refit and tighten the external clamping plates and the side journal.

4. TESTING

1. **Pneumatic seal test :** Before using the shaft, inflate it to 6 bar and let it sit for 60 minutes to verify there are no internal leaks.
2. **Action check :** Deflate the shaft completely, and re-inflate to ensure all lugs or leaves expand evenly.