



# ROLLING DIAPHRAGM

# 1613126809

---

If you're maintaining or repairing industrial or heavy-duty pneumatic systems, the Rolling Diaphragm is a crucial component. This diaphragm is commonly found in actuators, valves, and other air-operated mechanisms that require a precise seal and smooth motion. Over time, the original part can wear out — leading to air leaks, inconsistent performance, or complete failure. That's where aftermarket replacements come in.

## Steps for Replacement

Signs You Need to Replace the Diaphragm

Air or fluid leaks around the actuator or valve

Reduced system pressure or inconsistent movement

Visible cracks or stiffness in the rubber

Slow or jerky actuator motion

Installation Tips

Ensure all components are clean and free of debris.

Inspect housing surfaces for scoring or corrosion.

Lubricate lightly (if manufacturer-approved).

# TECHNICAL SPECIFICATION

Parameter	Typical Value / Range
Material (elastomer)	Nitrile (NBR), EPDM, FKM/Viton, SiliconeC.
Fabric reinforcement	Polyester fabric with wires in chain/weft 20-40 wires/cm etc.
Pressure rating	Up to ~50 bar typical for industrial rolling diaphragms.
Temperature range	e.g. -60 °C to +250 °C depending on elastomer and fabric.
Thickness of membrane	0.4-0.8 mm in standard sizes per one manufacturer's table.

## **Technical support 24/7**

We offer 24/7 technical support to ensure quick assistance whenever needed. Our team is always ready to help with product setup, troubleshooting, and urgent service requests.

## **Consultation**

Need help choosing the right product? We provide expert consultations to guide you through selection, technical compatibility, and project-specific requirements.  
Warranty

## **Product Warranty**

All parts come with a minimum 6-Month warranty against all manufacturing defect. We guarantee the quality and reliability of every product supplied.

Order now:

**PRANAV ENGINEERING**

[www.pranavengineering-usa.com](http://www.pranavengineering-usa.com)

[sales@pranavengineering-usa.com](mailto:sales@pranavengineering-usa.com)

Call Us: +1 631-220-0559