

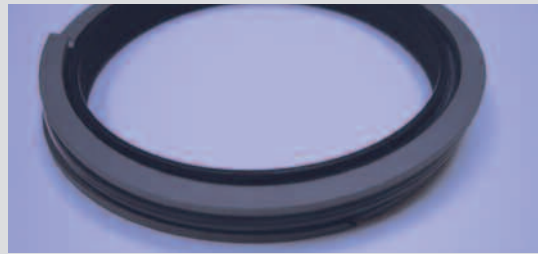
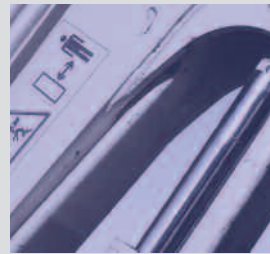
The Dichtomatik Tee Seal is a double acting seal that can be used as a direct replacement for an O-Ring. The T-shaped design prevents spiral failure that occurs with O-Rings used in cylinders with long strokes. The Tee Seal uses two Nylon Back-Up Rings as anti-extrusion devices, allowing the Tee Seal to function under much higher pressures than a standard O-Ring.



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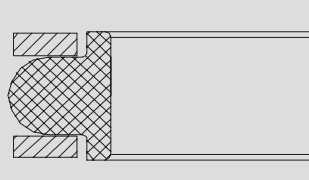


Dichtomatik Tee Seals



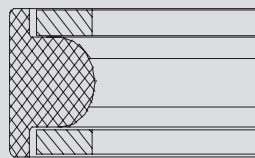
ADVANTAGES

- High Pressure Rating of 7500 PSI
- Split Back-Up Rings for Easy Installation
- Resists Spiral Failure
- Fits in Standard O-Ring Groove
- Provides Double Action Sealing



Piston Tee Seal

Piston Tee Seals are available from a 3/8" bore diameter up to a 12" bore diameter



Rod Tee Seal

Rod Tee Seals are available from a 3/16" rod diameter up to an 11" rod diameter

Materials

Nylon Back-Up Rings come standard with all Dichtomatik Tee Seals and contain MoS2 for better wear resistance and temperature resistance.

Abbreviation	Full material name	Advantages
NBR70	Acrylonitrile-Butadiene Rubber (Nitrile)	Nitrile is suitable for temperatures between -40°F and 212°F (-40°C to 100°C)
FKM70	Fluoroelastomer (FKM)	FKM is one of the most highly temperature resistant compounds of all commercially available elastomers with a temperature range of 5° F to 390° F (-15° C to 200° C). FKM is also great for oil resistance and chemical resistance. Optional PTFE Back-Up Rings are available for FKM Tee Seals.
NBR70LT	Low Temperature Nitrile	NBR70LT is good for temperatures as low as -50°F (-45°C)
HNBR 80 HNBR 70	Hydrogenated Nitrile (HNBR)	HNBR has high tensile properties, low compression set, excellent ozone resistance, good resistance to aggressive oils, resistance to crude oil in the presence of hydrogen sulfide and amines, and resistance to alkaline and oxidizing media. With a temperature range of -40° F to 300° F (-40° C to 150° C), HNBR has good low temperature properties and heat resistance. HNBR is primarily used in oil field applications.

Other materials available upon request

*Call customer service for pricing and availability



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Dichtomatik Americas Products

Fluid Power Seals

- NuPac Seals - O-Ring energized U-Cups
- Tee Seals
- Polyurethane U-Cups
 - MA25: Symmetrical U-Cup
 - MA39: Double Lip Rod Seal
 - MA28: Asymmetrical Piston Seal
- NBR U-Cups
 - AN6226 series
 - 8400/8500 series
- PTFE Seals
- Wear Rings
- Rod Wipers — AN, D, H, Metal Clad
- Back-Up Rings

Spliced Rings and Extruded Cord

- Spliced O-Rings, precision vulcanized
- Extruded Cord in various compounds and cross-sections
- Splicing Kits

Radial Shaft Seals

- Oil Seals
- Grease Seals
- Medium Duty Oil Bath Seals
- AP Excluder Seals
- Axial Face Seals
- V-Rings
- Valve Stem Seals
- End Caps
- SHAFT-EZE Shaft Sleeves

Fitting and Fastener Seals

- Thread Seals
- Fastener Seals
- Bonded Seals

Custom Molded Rubber

- Rubber Only
- Rubber-to-Metal Bonded
- Unique shapes and materials to your specifications

O-Rings

- All AS568 sizes in stock, including
 - NBR 70 and 90
 - FKM 75 Black and Brown
 - EP70
 - Silicone 70
- Metric O-Rings
- Select sizes of:
 - PTFE-Encapsulated FKM and Silicone
 - Polyurethane
 - Solid PTFE
- Wide variety of materials available
- O-Ring Kits
- X-Rings
- D-Rings
- Square Rings
- Back-Up Rings

... and many more products — just call us!