

Dichtomatik Polyurethane U-Cups are designed to fit in most U-Cup seal grooves. They are manufactured with a 92 durometer Polyurethane tested by Dichtomatik at the University of Stuttgart. Dichtomatik Polyurethane U-Cup profiles are rated for dynamic applications with a surface speed of 1.5 ft/s (0.5 m/s).



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Dichtomatik Polyurethane U-Cups

ADVANTAGES

- Wear Resistance
- Resistance to Pressure
- Abrasion Resistance
- Hydrolysis Resistance
- Extrusion Resistance
- Oil Resistance
- Compression Set Resistance
- Ease of Installation



Thermoplastic Polyurethane is suitable for temperatures between -40°F and 212°F (-40°C to 100°C).

Design	Style	Pressure		Comments	Dimensions	
		PSI	Bar		Metric	Inch
	MA25	4300	300	Symmetrical Seal for piston or rod sealing	■	■
	MA28	6000	400	Asymmetrical Piston Seal	■	■
	MA39	6000	400	Double Lip Rod Seal: Second sealing lip provides great sealability and seal stability.	■	■
	MA30	6000	400	Single Lip Rod Seal	■	■
	MA35	6000	400	Double Lip Rod Seal: Shallow U-Cup increases seal squeeze.	■	■
	MA36	6000	400	Symmetrical Seal: Shallow U-Cup increases seal squeeze. Suitable for piston or rod sealing.	■	■
	MA37	6000	400	Double Lip Rod Seal with a POM (Polyoxymethylene) anti-extrusion device: Shallow U-Cup increases seal squeeze. Suitable for higher pressures when tighter tolerances are maintained.	■	■
	MA41	6000	400	Double Lip Rod Seal with a POM (Polyoxymethylene) anti-extrusion device. Suitable for higher pressures when tighter tolerances are maintained.	■	■

*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!