



PUP - (2 PC.) Piston Seal

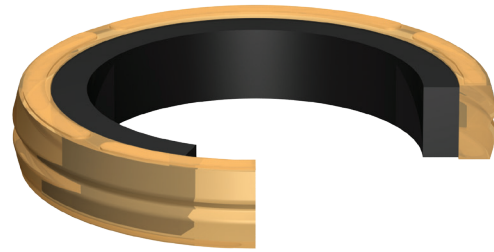
A product of MFP Seals.

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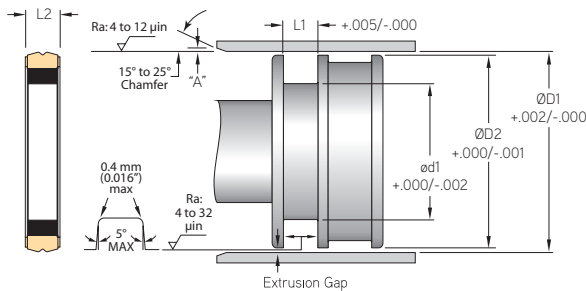
PUP

PUP - (2 P.C.) PISTON SEAL

The PUP is a bi-directional piston seal for use in medium to heavy hydraulic applications. A centerline-divot in the cap creates a reservoir that retains fluid from each cycle, which reduces breakaway and friction. Designed to retrofit o-ring grooves, in linear applications, this seal can also be used as a low-speed rotary seal. This two-part seal consists of a Urethane cap and Nitrile expander.



The standard compounds for the Piston Seal are U2161 and U4160, with an N6001 Expander. Other compounds are available.



MFP PART NUMBER

PUP-210U4160N

SEAL TYPE ØD1 CAP EXPANDER

U2161 & U4160 - Pressure: 482 bar (7,000 psi)

Max. Velocity: 0.5 m/s (<1.6 ft./s)

PISTON ASSEMBLIES

MFP PART NUMBER	PISTON APPLICATION			
	ØD1	ØD2	ød1	L1
TOLERANCE	+0.02/-0.00	+0.00/-0.01	+0.00/-0.02	+0.005/-0.000
PUP-210	1.000	0.997	0.758	0.187
PUP-218	1.500	1.497	1.258	0.187
PUP-220	1.625	1.622	1.383	0.187
PUP-222	1.750	1.747	1.508	0.187
PUP-326	2.000	1.997	1.630	0.281
PUP-328	2.250	2.247	1.880	0.281
PUP-330	2.500	2.497	2.130	0.281
PUP-332	2.750	2.747	2.380	0.281
PUP-334	3.000	2.997	2.630	0.281
PUP-336	3.250	3.247	2.880	0.281
PUP-338	3.500	3.497	3.130	0.281
PUP-340	3.750	3.747	3.380	0.281
PUP-342	4.000	3.997	3.630	0.281
PUP-344	4.250	4.247	3.880	0.281
PUP-346	4.500	4.497	4.130	0.281
PUP-348	4.750	4.747	4.380	0.281
PUP-350	5.000	4.997	4.630	0.281
PUP-427	5.250	5.248	4.778	0.375
PUP-429	5.500	5.498	5.028	0.375
PUP-431	5.750	5.748	5.278	0.375
PUP-433	6.000	5.998	5.528	0.375
PUP-437	6.500	6.498	6.028	0.375
PUP-439	7.000	6.998	6.528	0.375
PUP-441	7.500	7.498	7.028	0.375
PUP-443	8.000	7.998	7.528	0.375