



PZP-PU piston seal has been designed for pneumatic cylinder applications.

PZP-PU can also be used for pneumatic valves where the overall dimensions allowed.

A compact design can be obtained thanks to the reduced overall dimensions.

Operating conditions

Pressure	≤ 2 MPa
Temperature	-30°C to +90°C
Speed	≤ 1 m/s
Fluids	air with or without lubrication

Materials

Standard	PU06: polyurethane 90 Sh A
Alternative	PU07: polyurethane 85 Sh A

Assembly

Sharp edges should be removed from around the housing in order to avoid damaging the seal lips during installation. A lead-in chamfer on the tube will ease installation.

Advantages

The profile is rounded in the middle of the dynamic lip and it has two projections on the static lip.

This symmetric shape allows easier installation.

The special spring shaped profile ensures high flexibility in the system even at low pressure.

Please contact us for applications approaching maximum values.

D	d	L	Reference
12	7	2,5	PZP-PU-12
16	9	2,5	PZP-PU-16
20	13	2,5	PZP-PU-20
25	18	2,5	PZP-PU-25
28	21	2,5	PZP-PU-28
30	21	3	PZP-PU-30
32	23	3	PZP-PU-32
35	26	3	PZP-PU-35
40	31	3	PZP-PU-40
45	36	3	PZP-PU-45
50	41	3	PZP-PU-50
60	48	4	PZP-PU-60
63	51	4	PZP-PU-63
70	58	4	PZP-PU-70
80	68	4	PZP-PU-80