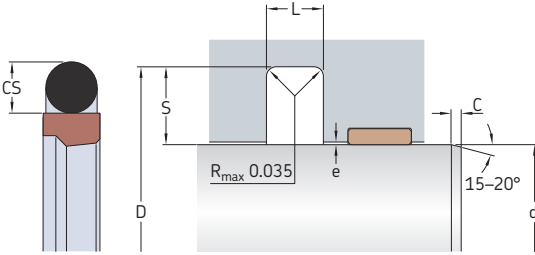


3.9 S9B profile buffer seals, inch sizes d 1 – 10 in.



Maximum extrusion gap e with X-ECOPUR slide ring

Radial depth S	Series	e_{max} at 80 °C (175 °F) for pressures			
		2 300 psi	3 600 psi	5 800 psi	8 700 psi
in.	-	in.			
0.149	S9B1	0.016	0.012	0.008	0.004
0.212	S9B2	0.02	0.016	0.012	0.008
0.308	S9B3	0.02	0.016	0.012	0.008
0.415	S9B4	0.028	0.02	0.016	0.008

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Maximum extrusion gap e with 741 slide ring

Radial depth S	Series	e_{max} at 80 °C (175 °F) for pressures		
		2 300 psi	3 600 psi	5 800 psi
in.	-	in.		
0.149	S9B1	0.014	0.01	0.006
0.212	S9B2	0.016	0.012	0.008
0.308	S9B3	0.02	0.014	0.01
0.415	S9B4	0.024	0.018	0.014

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Dimensions

d	Tolerance	D	Tolerance	L +0.01	S	C min.	CS nom.	Designations	
								With slide ring made of X-ECOPUR 741	
in.									
1	-0.002	1.298	+0.003	0.126	0.149	0.14	0.103	S9B1-1000	S9B1-1000-AD1
	-0.003	1.424	+0.004	0.166	0.212	0.18	0.139	S9B2-1000	S9B2-1000-AD1
1.125	-0.002	1.423	+0.003	0.126	0.149	0.14	0.103	S9B1-1125	S9B1-1125-AD1
1.25	-0.002	1.548	+0.003	0.126	0.149	0.14	0.103	S9B1-1250	S9B1-1250-AD1
	-0.003	1.674	+0.004	0.166	0.212	0.18	0.139	S9B2-1250	S9B2-1250-AD1
1.375	-0.003	1.799	+0.004	0.166	0.212	0.18	0.139	S9B2-1375	S9B2-1375-AD1
1.5	-0.002	1.798	+0.003	0.126	0.149	0.14	0.103	S9B1-1500	S9B1-1500-AD1
	-0.003	1.924	+0.004	0.166	0.212	0.18	0.139	S9B2-1500	S9B2-1500-AD1
	-0.004	2.116	+0.005	0.247	0.308	0.2	0.21	S9B3-1500	S9B3-1500-AD1
1.75	-0.002	2.048	+0.003	0.126	0.149	0.14	0.103	S9B1-1750	S9B1-1750-AD1
	-0.003	2.174	+0.004	0.166	0.212	0.18	0.139	S9B2-1750	S9B2-1750-AD1
	-0.004	2.366	+0.005	0.247	0.308	0.2	0.21	S9B3-1750	S9B3-1750-AD1
1.875	-0.003	2.299	+0.004	0.166	0.212	0.18	0.139	S9B2-1875	S9B2-1875-AD1
	-0.004	2.424	+0.004	0.166	0.212	0.18	0.139	S9B2-2000	S9B2-2000-AD1
2	-0.003	2.616	+0.005	0.247	0.308	0.2	0.21	S9B3-2000	S9B3-2000-AD1
	-0.004	2.674	+0.004	0.166	0.212	0.18	0.139	S9B2-2250	S9B2-2250-AD1
2.25	-0.003	2.866	+0.005	0.247	0.308	0.2	0.21	S9B3-2250	S9B3-2250-AD1
	-0.004	2.924	+0.004	0.166	0.212	0.18	0.139	S9B2-2500	S9B2-2500-AD1
2.5	-0.003	3.116	+0.005	0.247	0.308	0.2	0.21	S9B3-2500	S9B3-2500-AD1
	-0.004	3.241	+0.005	0.247	0.308	0.2	0.21	S9B3-2625	S9B3-2625-AD1
2.625	-0.003	3.049	+0.004	0.166	0.212	0.18	0.139	S9B2-2750	S9B2-2750-AD1
	-0.004	3.241	+0.005	0.247	0.308	0.2	0.21	S9B3-2750	S9B3-2750-AD1

Dimensions								Designations With slide ring made of X-ECOPUR 741	
d	Tolerance	D	Tolerance	L +0.01	S	C min.	CS nom.		
in.								-	
3	-0.003	3.424	+0.004	0.166	0.212	0.18	0.139	S9B2-3000	S9B2-3000-AD1
	-0.004	3.616	+0.005	0.247	0.308	0.2	0.21	S9B3-3000	S9B3-3000-AD1
3.25	-0.004	3.866	+0.005	0.247	0.308	0.2	0.21	S9B3-3250	S9B3-3250-AD1
3.5	-0.004	4.116	+0.005	0.247	0.308	0.2	0.21	S9B3-3500	S9B3-3500-AD1
3.75	-0.004	4.366	+0.005	0.247	0.308	0.2	0.21	S9B3-3750	S9B3-3750-AD1
4	-0.003	4.424	+0.004	0.166	0.212	0.18	0.139	S9B2-4000	S9B2-4000-AD1
	-0.004	4.616	+0.005	0.247	0.308	0.2	0.21	S9B3-4000	S9B3-4000-AD1
	-0.005	4.83	+0.006	0.32	0.415	0.25	0.275	S9B4-4000	S9B4-4000-AD1
4.25	-0.004	4.866	+0.005	0.247	0.308	0.2	0.21	S9B3-4250	S9B3-4250-AD1
	-0.005	5.08	+0.006	0.32	0.415	0.25	0.275	S9B4-4250	S9B4-4250-AD1
4.5	-0.004	5.116	+0.005	0.247	0.308	0.2	0.21	S9B3-4500	S9B3-4500-AD1
	-0.005	5.33	+0.006	0.32	0.415	0.25	0.275	S9B4-4500	S9B4-4500-AD1
4.75	-0.004	5.366	+0.005	0.247	0.308	0.2	0.21	S9B3-4750	S9B3-4750-AD1
	-0.005	5.58	+0.006	0.32	0.415	0.25	0.275	S9B4-4750	S9B4-4750-AD1
5	-0.004	5.616	+0.005	0.247	0.308	0.2	0.21	S9B3-5000	S9B3-5000-AD1
	-0.005	5.83	+0.006	0.32	0.415	0.25	0.275	S9B4-5000	S9B4-5000-AD1
5.25	-0.004	5.866	+0.005	0.247	0.308	0.2	0.21	S9B3-5250	S9B3-5250-AD1
	-0.005	6.08	+0.006	0.32	0.415	0.25	0.275	S9B4-5250	S9B4-5250-AD1
5.5	-0.004	6.116	+0.005	0.247	0.308	0.2	0.21	S9B3-5500	S9B3-5500-AD1
	-0.005	6.33	+0.006	0.32	0.415	0.25	0.275	S9B4-5500	S9B4-5500-AD1
5.75	-0.004	6.366	+0.005	0.247	0.308	0.2	0.21	S9B3-5750	S9B3-5750-AD1
	-0.005	6.58	+0.006	0.32	0.415	0.25	0.275	S9B4-5750	S9B4-5750-AD1
6	-0.004	6.616	+0.005	0.247	0.308	0.2	0.21	S9B3-6000	S9B3-6000-AD1
	-0.005	6.83	+0.006	0.32	0.415	0.25	0.275	S9B4-6000	S9B4-6000-AD1
6.25	-0.004	6.866	+0.005	0.247	0.308	0.2	0.21	S9B3-6250	S9B3-6250-AD1
	-0.005	7.08	+0.006	0.32	0.415	0.25	0.275	S9B4-6250	S9B4-6250-AD1
6.5	-0.004	7.116	+0.005	0.247	0.308	0.2	0.21	S9B3-6500	S9B3-6500-AD1
	-0.005	7.33	+0.006	0.32	0.415	0.25	0.275	S9B4-6500	S9B4-6500-AD1
6.75	-0.004	7.366	+0.005	0.247	0.308	0.2	0.21	S9B3-6750	S9B3-6750-AD1
	-0.005	7.58	+0.006	0.32	0.415	0.25	0.275	S9B4-6750	S9B4-6750-AD1
7	-0.004	7.616	+0.005	0.247	0.308	0.2	0.21	S9B3-7000	S9B3-7000-AD1
	-0.005	7.83	+0.006	0.32	0.415	0.25	0.275	S9B4-7000	S9B4-7000-AD1
7.25	-0.004	7.866	+0.005	0.247	0.308	0.2	0.21	S9B3-7250	S9B3-7250-AD1
	-0.005	8.08	+0.006	0.32	0.415	0.25	0.275	S9B4-7250	S9B4-7250-AD1
7.5	-0.004	8.116	+0.005	0.247	0.308	0.2	0.21	S9B3-7500	S9B3-7500-AD1
	-0.005	8.33	+0.006	0.32	0.415	0.25	0.275	S9B4-7500	S9B4-7500-AD1
7.75	-0.004	8.366	+0.005	0.247	0.308	0.2	0.21	S9B3-7750	S9B3-7750-AD1
	-0.005	8.58	+0.006	0.32	0.415	0.25	0.275	S9B4-7750	S9B4-7750-AD1
8	-0.004	8.616	+0.005	0.247	0.308	0.2	0.21	S9B3-8000	S9B3-8000-AD1
	-0.005	8.83	+0.006	0.32	0.415	0.25	0.275	S9B4-8000	S9B4-8000-AD1
8.5	-0.005	9.33	+0.006	0.32	0.415	0.25	0.275	S9B4-8500	S9B4-8500-AD1
9	-0.005	9.83	+0.006	0.32	0.415	0.25	0.275	S9B4-9000	S9B4-9000-AD1
9.5	-0.005	10.33	+0.006	0.32	0.415	0.25	0.275	S9B4-9500	S9B4-9500-AD1
10	-0.005	10.83	+0.006	0.32	0.415	0.25	0.275	S9B4-10000	S9B4-10000-AD1

Other sizes are available on request

