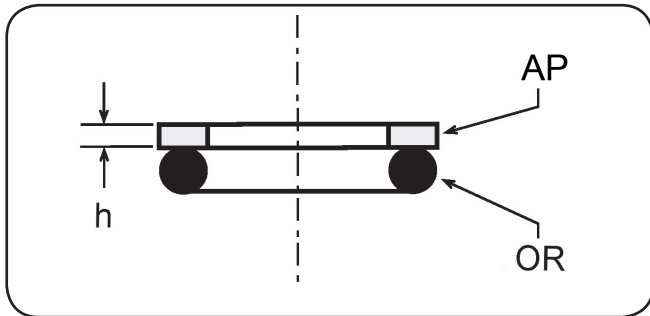


AP SUPPORT RINGS



# AP

**DESCRIPTION**

Support rings for O-Ring

**DYNAMIC SURFACE MATERIAL**

Polyester resin

**OPERATING CONDITIONS**

Hardness: 55 Sh. D  
 Temperature range: -40°C + 140°C.

**COMMON FEATURES**

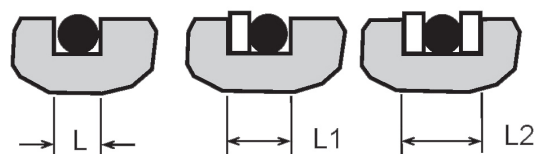
Support rings are used as additional components to the O-rings. The purpose of these support rings is to prevent the O-ring from being pushed into the gap between the two metal parts to be sealed. The support ring is mounted behind the O-ring, on the side opposite to the pressure, if it acts in one direction, and if it acts alternatively, two support rings, one on each side of the seal. As a consequence of support rings' distinctive movement, working pressure causes deformation, closing the extrusion gap and thus avoiding premature damage to the O-ring. Thanks to the combination of O-Rings in standard material 70 NBR and support rings, working pressures in static applications of up to 400 bar and dynamic work pressures of up to 250 bar are possible with a maximum extrusion gap of 0.3 mm. By reducing tolerances, work at higher pressures is possible.

**MAIN FEATURES**

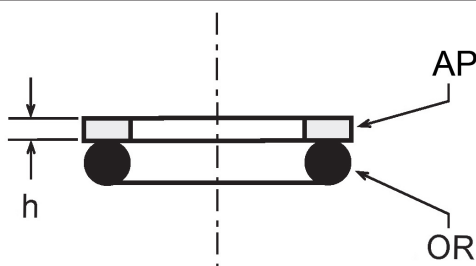
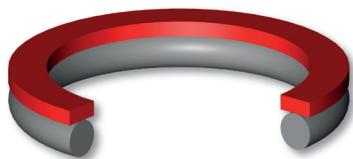
AP rings are for inch sizes. They are designed to withstand high pressures, their elasticity makes them easy and quick to install without the use of fittings. The material coated in a medium-hard polyester resin, mainly used for the production of anti-extrusion rings, improves the effectiveness and service life of the sealing system in applications where the main feature, such as resistance to abrasion and shear strength, is critical.

O-Ring Section	h	L	L1	L2
1.78	1.40	2.50	3.90	5.30
2.62	1.40	3.50	5.00	6.40
3.53	1.40	4.50	6.20	7.60
5.33	1.90	7.00	9.10	11.00
6.99	2.80	9.50	12.20	15.00

• Radial Static DIN 3771/5



AP

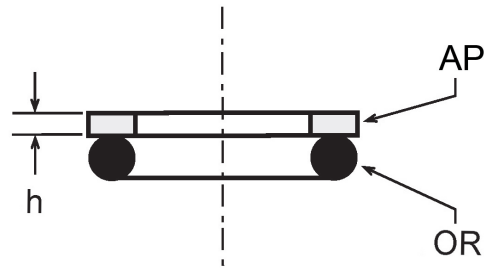


Reference	Size O - Ring
AP 10	6.07 x 1.78
AP 610	6.75 x 1.78
AP 11	7.66 x 1.78
AP 12	9.25 x 1.78
AP 13	10.82 x 1.78
AP 14	12.42 x 1.78
AP 15	14.00 x 1.78
AP 16	15.60 x 1.78
AP 17	17.17 x 1.78
AP 18	18.77 x 1.78
AP 19	20.35 x 1.78
AP 20	21.95 x 1.78
AP 22	25.12 x 1.78
AP 23	26.70 x 1.78
AP 24	28.30 x 1.78
AP 25	29.87 x 1.78
AP 26	31.47 x 1.78
AP 29	37.82 x 1.78
AP 32	47.35 x 1.78
AP 109	7.60 x 2.62
AP 110	9.19 x 2.62
AP 613	9.92 x 2.62
AP 111	10.77 x 2.62
AP 614	11.91 x 2.62
AP 112	12.37 x 2.62
AP 113	13.95 x 2.62
AP 616	15.08 x 2.62
AP 114	15.54 x 2.62
AP 809	17.13 x 2.62
AP 115	17.13 x 2.62
AP 617	17.86 x 2.62
AP 116	18.72 x 2.62
AP 117	20.29 x 2.62
AP 812	20.63 x 2.62
AP 118	21.89 x 2.62
AP 813	22.22 x 2.62
AP 119	23.47 x 2.62

Reference	Size O - Ring
AP 814	23.81 x 2.62
AP 120	25.07 x 2.62
AP 121	26.64 x 2.62
AP 122	28.25 x 2.62
AP 123	29.82 x 2.62
AP 124	31.42 x 2.62
AP 125	32.99 x 2.62
AP 126	34.60 x 2.62
AP 127	36.14 x 2.62
AP 128	37.77 x 2.62
AP 129	39.34 x 2.62
AP 130	40.94 x 2.62
AP 131	42.52 x 2.62
AP 132	44.12 x 2.62
AP 133	45.69 x 2.62
AP 134	47.29 x 2.62
AP 135	48.90 x 2.62
AP 136	50.47 x 2.62
AP 137	52.07 x 2.62
AP 138	53.65 x 2.62
AP 139	55.25 x 2.62
AP 140	56.82 x 2.62
AP 141	58.42 x 2.62
AP 142	60.00 x 2.62
AP 143	61.60 x 2.62
AP 144	63.17 x 2.62
AP 145	64.77 x 2.62
AP 146	66.35 x 2.62
AP 147	67.95 x 2.62
AP 148	69.52 x 2.62
AP 149	71.12 x 2.62
AP 150	72.69 x 2.62
AP 151	75.87 x 2.62
AP 152	82.22 x 2.62
AP 153	88.57 x 2.62
AP 154	94.93 x 2.62
AP 157	113.97 x 2.62

Reference	Size O - Ring
AP 210	18.64 x 3.53
AP 211	20.22 x 3.53
AP 212	21.82 x 3.53
AP 213	23.40 x 3.53
AP 214	24.99 x 3.53
AP 618	25.80 x 3.53
AP 215	26.58 x 3.53
AP 216	28.17 x 3.53
AP 217	29.75 x 3.53
AP 218	31.34 x 3.53
AP 219	32.92 x 3.53
AP 220	34.52 x 3.53
AP 221	36.10 x 3.53
AP 222	37.69 x 3.53
AP 824	39.69 x 3.53
AP 223	40.87 x 3.53
AP 825	41.28 x 3.53
AP 826	42.86 x 3.53
AP 224	44.04 x 3.53
AP 827	44.45 x 3.53
AP 828	46.04 x 3.53
AP 225	47.22 x 3.53
AP 829	47.63 x 3.53
AP 830	49.21 x 3.53
AP 226	50.39 x 3.53
AP 831	50.80 x 3.53
AP 832	52.39 x 3.53
AP 227	53.57 x 3.53
AP 833	53.98 x 3.53
AP 834	55.56 x 3.53
AP 228	56.74 x 3.53
AP 835	57.15 x 3.53
AP 836	58.74 x 3.53
AP 229	59.92 x 3.53
AP 837	60.33 x 3.53
AP 838	61.91 x 3.53
AP 230	63.09 x 3.53
AP 839	63.50 x 3.53

# AP



Reference	Size O - Ring
AP 840	65.09 x 3.53
AP 231	66.27 x 3.53
AP 841	66.68 x 3.53
AP 842	68.26 x 3.53
AP 232	69.44 x 3.53
AP 843	69.85 x 3.53
AP 844	71.44 x 3.53
AP 233	72.62 x 3.53
AP 845	73.03 x 3.53
AP 846	74.61 x 3.53
AP 234	75.79 x 3.53
AP 235	78.97 x 3.53
AP 236	82.14 x 3.53
AP 237	85.32 x 3.53
AP 238	88.50 x 3.53
AP 239	91.67 x 3.53
AP 240	94.84 x 3.53
AP 241	98.02 x 3.53
AP 242	101.20 x 3.53
AP 243	104.37 x 3.53
AP 244	107.54 x 3.53
AP 245	110.72 x 3.53
AP 246	113.90 x 3.53
AP 247	117.07 x 3.53
AP 248	120.25 x 3.53
AP 249	123.42 x 3.53
AP 250	126.60 x 3.53
AP 251	129.77 x 3.53
AP 252	132.94 x 3.53
AP 253	136.12 x 3.53
AP 254	139.29 x 3.53
AP 255	142.47 x 3.53
AP 256	145.65 x 3.53
AP 257	148.82 x 3.53
AP 258	151.99 x 3.53
AP 264	190.09 x 3.53
AP 325	37.47 x 5.33

Reference	Size O - Ring
AP 326	40.65 x 5.33
AP 327	43.82 x 5.33
AP 328	47.00 x 5.33
AP 329	50.16 x 5.33
AP 330	53.34 x 5.33
AP 331	56.52 x 5.33
AP 332	59.69 x 5.33
AP 333	62.87 x 5.33
AP 334	66.04 x 5.33
AP 335	69.22 x 5.33
AP 336	72.40 x 5.33
AP 619	74.63 x 5.33
AP 337	75.57 x 5.33
AP 338	78.74 x 5.33
AP 620	79.77 x 5.33
AP 339	81.92 x 5.33
AP 340	85.09 x 5.33
AP 341	88.27 x 5.33
AP 621	89.69 x 5.33
AP 342	91.44 x 5.33
AP 343	94.62 x 5.33
AP 344	97.80 x 5.33
AP 622	100.00 x 5.33
AP 345	100.97 x 5.33
AP 346	104.14 x 5.33
AP 347	107.32 x 5.33
AP 623	109.50 x 5.33
AP 348	110.49 x 5.33
AP 349	113.67 x 5.33
AP 350	116.84 x 5.33
AP 860	117.50 x 5.33
AP 351	120.02 x 5.33
AP 861	120.70 x 5.33
AP 862	123.80 x 5.33
AP 353	126.37 x 5.33
AP 863	127.00 x 5.33
AP 354	129.54 x 5.33
AP 864	130.20 x 5.33

Reference	Size O - Ring
AP 865	133.40 x 5.33
AP 356	135.89 x 5.33
AP 866	136.50 x 5.33
AP 357	139.07 x 5.33
AP 867	139.70 x 5.33
AP 358	142.24 x 5.33
AP 868	142.90 x 5.33
AP 360	148.60 x 5.33
AP 870	149.20 x 5.33
AP 362	158.12 x 5.33
AP 363	164.47 x 5.33
AP 364	170.82 x 5.33
AP 365	177.17 x 5.33
AP 367	189.87 x 5.33
AP 370	208.92 x 5.33
AP 425	113.67 x 6.99
AP 426	116.84 x 6.99
AP 428	123.20 x 6.99
AP 429	126.34 x 6.99
AP 431	132.72 x 6.99
AP 432	135.89 x 6.99
AP 433	139.07 x 6.99
AP 435	145.42 x 6.99
AP 872	155.60 x 6.99
AP 628	166.70 x 6.99
AP 442	183.52 x 6.99
AP 443	189.87 x 6.99
AP 444	196.22 x 6.99