



Imperial PTFE 60 ShD O-rings

Polytetrafluoroethylene / Teflon / PTFE

PTFE is a highly resilient O-ring material unaffected by virtually all known acids, alkalis and solvents. It is tough, abrasion resistant and capable of withstanding temperatures between -200°C to +250°C. It also possesses outstanding weather, ozone and electrical resistance. PTFE material has no memory and therefore if compressed it will not return to its original state. If you require a material with extreme temperature, chemical resistance as well as the ability to be compressed, please contact us to discuss material options such as FFKM.

Colour: White

Operating temperature range: -200°C to 250°C

Physical Property	Test Method	Units	Typical Values
Hardness	GB/T2411	Shore D	58
Tensile Strength	GB/T1040	Mpa	29.5
Elongation	GB/T1040	%	310
Specific Gravity	GB1033	g/cm ³	2.17 ±0.03

RS Article Number	Millimetres (mm)				Inches (")				Nominal (Inch dimensions)		Standard Reference
	Internal Diameter	ID ± Tolerance	Cross Section	CS ± Tolerance	Internal Diameter	ID ± Tolerance	Cross Section	CS ± Tolerance	Internal Diameter	Cross Section	
2579000	2.9	0.13	1.78	0.08	0.114	0.005	0.07	0.003	7/64	1/16	AS568-6 and BS 1806-6
2579001	4.47	0.15	1.78	0.08	0.176	0.006	0.07	0.003	11/64	1/16	AS568-8 and BS 1806-8
2579002	5.28	0.15	1.78	0.08	0.208	0.006	0.07	0.003	7/32	1/16	AS568-9 and BS 1806-9

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	Internal Diameter	ID ± Tolerance	Cross Section	CS ± Tolerance	Internal Diameter	ID ± Tolerance	Cross Section	CS ± Tolerance	Internal Diameter	Cross Section	
2579003	6.07	0.16	1.78	0.08	0.239	0.006	0.07	0.003	15/64	1/16	AS568-10 and BS 1806-10
2579004	9.25	0.18	1.78	0.08	0.364	0.007	0.07	0.003	23/64	1/16	AS568-12 and BS 1806-12
2579005	10.82	0.2	1.78	0.08	0.426	0.008	0.07	0.003	27/64	1/16	AS568-13 and BS 1806-13
2579006	12.42	0.21	1.78	0.08	0.489	0.008	0.07	0.003	31/64	1/16	AS568-14 and BS 1806-14
2579007	14	0.22	1.78	0.08	0.551	0.009	0.07	0.003	35/64	1/16	AS568-15 and BS 1806-15
2579008	15.6	0.23	1.78	0.08	0.614	0.009	0.07	0.003	39/64	1/16	AS568-16 and BS 1806-16
2579009	17.17	0.24	1.78	0.08	0.676	0.009	0.07	0.003	43/64	1/16	AS568-17 and BS 1806-17
2579010	18.77	0.26	1.78	0.08	0.739	0.01	0.07	0.003	47/64	1/16	AS568-18 and BS 1806-18
2579011	20.35	0.27	1.78	0.08	0.801	0.011	0.07	0.003	51/64	1/16	AS568-19 and BS 1806-19
2579012	21.95	0.28	1.78	0.08	0.864	0.011	0.07	0.003	7/8	1/16	AS568-20 and BS 1806-20
2579013	25.12	0.3	1.78	0.08	0.989	0.012	0.07	0.003	1	1/16	AS568-22 and BS 1806-22

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2579014	26.7	0.31	1.78	0.08	1.051	0.012	0.07	0.003	1 3/64	1/16	AS568-23 and BS 1806-23
2579015	28.3	0.33	1.78	0.08	1.114	0.013	0.07	0.003	1 1/8	1/16	AS568-24 and BS 1806-24
2579016	33.05	0.36	1.78	0.08	1.301	0.014	0.07	0.003	1 19/64	1/16	AS568-27 and BS 1806-27
2579017	37.82	0.4	1.78	0.08	1.489	0.016	0.07	0.003	1 31/64	1/16	AS568-29 and BS 1806-29
2579018	41	0.42	1.78	0.08	1.614	0.017	0.07	0.003	1 39/64	1/16	AS568-30 and BS 1806-30
2579019	56.87	0.52	1.78	0.08	2.239	0.02	0.07	0.003	2 1/4	1/16	AS568-35 and BS 1806-35
2579020	60.05	0.55	1.78	0.08	2.364	0.022	0.07	0.003	2 23/64	1/16	AS568-36 and BS 1806-36
2579021	10.77	0.2	2.62	0.09	0.424	0.008	0.103	0.004	27/64	3/32	AS568-111 and BS 1806-111
2579022	12.37	0.21	2.62	0.09	0.487	0.008	0.103	0.004	31/64	3/32	AS568-112 and BS 1806-112
2579023	15.54	0.23	2.62	0.09	0.612	0.009	0.103	0.004	39/64	3/32	AS568-114 and BS 1806-114
2579024	17.12	0.24	2.62	0.09	0.674	0.009	0.103	0.004	43/64	3/32	AS568-115 and BS 1806-115

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2579026	18.72	0.26	2.62	0.09	0.737	0.01	0.103	0.004	47/64	3/32	AS568-116 and BS 1806-116
2579027	20.3	0.27	2.62	0.09	0.799	0.011	0.103	0.004	51/64	3/32	AS568-117 and BS 1806-117
2579028	25.07	0.3	2.62	0.09	0.987	0.012	0.103	0.004	1	3/32	AS568-120 and BS 1806-120
2579029	26.64	0.31	2.62	0.09	1.049	0.012	0.103	0.004	1 3/64	3/32	AS568-121 and BS 1806-121
2579030	28.24	0.33	2.62	0.09	1.112	0.013	0.103	0.004	1 7/64	3/32	AS568-122 and BS 1806-122
2579031	31.42	0.35	2.62	0.09	1.237	0.014	0.103	0.004	1 15/64	3/32	AS568-124 and BS 1806-124
2579032	32.99	0.36	2.62	0.09	1.299	0.014	0.103	0.004	1 19/64	3/32	AS568-125 and BS 1806-125
2579033	34.59	0.37	2.62	0.09	1.362	0.015	0.103	0.004	1 23/64	3/32	AS568-126 and BS 1806-126
2579034	37.77	0.4	2.62	0.09	1.487	0.016	0.103	0.004	1 31/64	3/32	AS568-128 and BS 1806-128
2579035	42.52	0.43	2.62	0.09	1.674	0.017	0.103	0.004	1 11/16	3/32	AS568-131 and BS 1806-131
2579036	50.47	0.48	2.62	0.09	1.987	0.019	0.103	0.004	2	3/32	AS568-136 and BS 1806-136

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2579037	53.64	0.51	2.62	0.09	2.112	0.02	0.103	0.004	2 1/8	3/32	AS568-138 and BS 1806-138
2579038	18.64	0.25	3.53	0.1	0.734	0.01	0.139	0.004	3/4	1/8	AS568-210 and BS 1806-210
2579039	24.99	0.3	3.53	0.1	0.984	0.012	0.139	0.004	1	1/8	AS568-214 and BS 1806-214
2579040	28.17	0.32	3.53	0.1	1.109	0.013	0.139	0.004	1 7/64	1/8	AS568-216 and BS 1806-216
2579041	34.52	0.37	3.53	0.1	1.359	0.015	0.139	0.004	1 23/64	1/8	AS568-220 and BS 1806-220
2579042	40.87	0.42	3.53	0.1	1.609	0.017	0.139	0.004	1 5/8	1/8	AS568-223 and BS 1806-223
2579043	44.04	0.44	3.53	0.1	1.734	0.017	0.139	0.004	1 47/64	1/8	AS568-224 and BS 1806-224
2579044	47.22	0.46	3.53	0.1	1.859	0.018	0.139	0.004	1 55/64	1/8	AS568-225 and BS 1806-225
2579045	23.47	0.29	2.95	0.09	0.924	0.011	0.116	0.004	59/64	7/64	BS 1806-912