

FEDERAL SUPPLY CLASS  
5331

**REV.  
A**

**AS6058™**

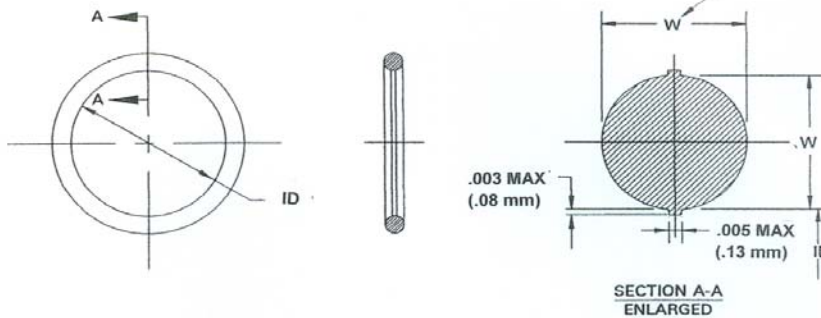
**RATIONALE**

THIS STANDARD HAS BEEN REVISED TO INCORPORATE MINOR TECHNICAL CHANGES.

**FOREWORD**

THIS STANDARD ESTABLISHES THE DIMENSIONAL AND VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS AND PACKAGING AND LABELING REQUIREMENTS FOR O-RINGS MOLDED FROM AMS7254 RUBBER. IT SHALL BE USED FOR PROCUREMENT PURPOSES.

ALL DIAMETERS OF CROSS SECTION SHALL EQUAL W

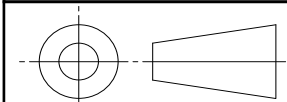


**FIGURE 1**

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THIRD ANGLE PROJECTION



ISSUED 2012-12 REVISED 2016-10

CUSTODIAN: A-6/A-6C2

PROCUREMENT SPECIFICATION: NONE



**AEROSPACE STANDARD**

PACKING, PREFORMED,  
O-RING MOLDED FROM PERFLUOROETHER,  
FFO MATERIAL

**AS6058™**  
SHEET 1 OF 11

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TABLE 1

APP NOTE	PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	(LB/100)	(KG/100)
	AS6058-001	.025	.033	0.64	0.84	.037	.043	0.94	1.09	.001	0.00
	AS6058-002	.038	.046	0.97	1.17	.047	.053	1.19	1.35	.002	0.00
	AS6058-003	.052	.060	1.32	1.52	.057	.063	1.45	1.60	.004	0.00
	AS6058-004	.065	.075	1.65	1.90	.067	.073	1.70	1.85	.007	0.00
	AS6058-005	.096	.106	2.44	2.69	.067	.073	1.70	1.85	.009	0.00
	AS6058-006	.109	.119	2.77	3.02	.067	.073	1.70	1.85	.010	0.00
	AS6058-007	.140	.150	3.56	3.81	.067	.073	1.70	1.85	.011	0.01
	AS6058-008	.171	.181	4.34	4.60	.067	.073	1.70	1.85	.013	0.01
	AS6058-009	.203	.213	5.16	5.41	.067	.073	1.70	1.85	.014	0.01
	AS6058-010	.234	.244	5.94	6.20	.067	.073	1.70	1.85	.016	0.01
	AS6058-011	.296	.306	7.52	7.77	.067	.073	1.70	1.85	.019	0.01
	AS6058-012	.359	.369	9.12	9.37	.067	.073	1.70	1.85	.023	0.01
	AS6058-013	.421	.431	10.69	10.95	.067	.073	1.70	1.85	.026	0.01
	AS6058-014	.484	.494	12.29	12.55	.067	.073	1.70	1.85	.029	0.01
	AS6058-015	.544	.558	13.82	14.17	.067	.073	1.70	1.85	.032	0.01
	AS6058-016	.605	.623	15.37	15.82	.067	.073	1.70	1.85	.036	0.02
	AS6058-017	.667	.685	16.94	17.40	.067	.073	1.70	1.85	.039	0.02
	AS6058-018	.730	.748	18.54	19.00	.067	.073	1.70	1.85	.042	0.02
(a)	AS6058-019	.792	.810	20.12	20.57	.067	.073	1.70	1.85	.045	0.02
	AS6058-020	.855	.873	21.72	22.17	.067	.073	1.70	1.85	.049	0.02
	AS6058-021	.917	.935	23.29	23.75	.067	.073	1.70	1.85	.052	0.02
	AS6058-022	.979	.999	24.87	25.37	.067	.073	1.70	1.85	.055	0.02
	AS6058-023	1.041	1.061	26.44	26.95	.067	.073	1.70	1.85	.058	0.03
	AS6058-024	1.104	1.124	28.04	28.55	.067	.073	1.70	1.85	.061	0.03
	AS6058-025	1.165	1.187	29.59	30.15	.067	.073	1.70	1.85	.065	0.03


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**REV.**  
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TABLE 1 (CONTINUED)

APP NOTE	PART NUMBER	ID (IN)		ID (MM)		W DIA (IN)		W DIA (MM)		APPROX MASS	
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	(LB/100)	(KG/100)
(b)	AS6058-026	1.228	1.250	31.19	31.75	.067	.073	1.70	1.85	.068	0.03
	AS6058-027	1.290	1.312	32.77	33.32	.067	.073	1.70	1.85	.071	0.03
	AS6058-028	1.351	1.377	34.32	34.98	.067	.073	1.70	1.85	.074	0.03
	AS6058-029	1.476	1.502	37.49	38.15	.067	.073	1.70	1.85	.081	0.04
	AS6058-030	1.601	1.627	40.67	41.33	.067	.073	1.70	1.85	.087	0.04
	AS6058-031	1.724	1.754	43.79	44.55	.067	.073	1.70	1.85	.094	0.04
	AS6058-032	1.849	1.879	46.96	47.73	.067	.073	1.70	1.85	.100	0.05
	AS6058-033	1.971	2.007	50.06	50.98	.067	.073	1.70	1.85	.107	0.05
	AS6058-034	2.096	2.132	53.24	54.15	.067	.073	1.70	1.85	.113	0.05
	AS6058-035	2.221	2.257	56.41	57.33	.067	.073	1.70	1.85	.120	0.05
	AS6058-036	2.346	2.382	59.59	60.50	.067	.073	1.70	1.85	.126	0.06
	AS6058-037	2.471	2.507	62.76	63.68	.067	.073	1.70	1.85	.133	0.06
	AS6058-038	2.594	2.634	65.9	66.9	.067	.073	1.70	1.85	.139	0.06
	AS6058-039	2.719	2.759	69.1	70.1	.067	.073	1.70	1.85	.146	0.07
	AS6058-040	2.844	2.884	72.2	73.3	.067	.073	1.70	1.85	.152	0.07
	AS6058-041	2.965	3.013	75.3	76.5	.067	.073	1.70	1.85	.159	0.07
	AS6058-042	3.215	3.263	81.7	82.9	.067	.073	1.70	1.85	.172	0.08
	AS6058-043	3.465	3.513	88.0	89.2	.067	.073	1.70	1.85	.185	0.08
	AS6058-044	3.712	3.766	94.3	95.7	.067	.073	1.70	1.85	.198	0.09
	AS6058-045	3.962	4.016	100.6	102.0	.067	.073	1.70	1.85	.211	0.10
	AS6058-046	4.209	4.269	106.9	108.4	.067	.073	1.70	1.85	.224	0.10
	AS6058-047	4.459	4.519	113.3	114.8	.067	.073	1.70	1.85	.237	0.11
	AS6058-048	4.709	4.769	119.6	121.1	.067	.073	1.70	1.85	.250	0.11
	AS6058-049	4.952	5.026	125.8	127.7	.067	.073	1.70	1.85	.263	0.12
	AS6058-050	5.202	5.276	132.1	134.0	.067	.073	1.70	1.85	.276	0.13
	AS6058-102	.044	.054	1.12	1.37	.100	.106	2.54	2.69	.017	0.01
	AS6058-103	.076	.086	1.93	2.18	.100	.106	2.54	2.69	.021	0.01
	AS6058-104	.107	.117	2.72	2.97	.100	.106	2.54	2.69	.024	0.01
	AS6058-105	.138	.148	3.51	3.76	.100	.106	2.54	2.69	.028	0.01
	AS6058-106	.169	.179	4.29	4.55	.100	.106	2.54	2.69	.031	0.01
	AS6058-107	.201	.211	5.11	5.36	.100	.106	2.54	2.69	.035	0.02
	AS6058-108	.232	.242	5.89	6.15	.100	.106	2.54	2.69	.038	0.02
	AS6058-109	.294	.304	7.47	7.72	.100	.106	2.54	2.69	.045	0.02
	AS6058-110	.357	.367	9.07	9.32	.100	.106	2.54	2.69	.052	0.02
	AS6058-111	.419	.429	10.64	10.90	.100	.106	2.54	2.69	.059	0.03
AS6058-112	.482	.492	12.24	12.50	.100	.106	2.54	2.69	.066	0.03	
AS6058-113	.542	.556	13.77	14.12	.100	.106	2.54	2.69	.073	0.03	
AS6058-114	.603	.621	15.32	15.77	.100	.106	2.54	2.69	.080	0.04	
AS6058-115	.665	.683	16.89	17.35	.100	.106	2.54	2.69	.087	0.04	
AS6058-116	.728	.746	18.49	18.95	.100	.106	2.54	2.69	.094	0.04	
AS6058-117	.789	.809	20.04	20.55	.100	.106	2.54	2.69	.101	0.05	
AS6058-118	.852	.872	21.64	22.15	.100	.106	2.54	2.69	.109	0.05	
AS6058-119	.914	.934	23.22	23.72	.100	.106	2.54	2.69	.115	0.05	
AS6058-120	.977	.997	24.82	25.32	.100	.106	2.54	2.69	.123	0.05	
AS6058-121	1.039	1.059	26.39	26.90	.100	.106	2.54	2.69	.130	0.06	
AS6058-122	1.102	1.122	27.99	28.50	.100	.106	2.54	2.69	.137	0.06	
AS6058-123	1.162	1.186	29.51	30.12	.100	.106	2.54	2.69	.144	0.07	
AS6058-124	1.225	1.249	31.12	31.72	.100	.106	2.54	2.69	.151	0.07	
AS6058-125	1.287	1.311	32.69	33.30	.100	.106	2.54	2.69	.158	0.07	



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