



AS568D - O-RINGS

MFP Seals produces O-Rings in inch and metric sizes. The inch sizes are produced to the AS568D (Aerospace Standard) published by the SAE (Society of Automotive Engineers). These inch size O-Rings are designated by a dash number referenced on the AS568D chart. This standard for O-Rings contains 379 sizes and MFP Seals stocks them in a wide range of materials. A list of available materials appears below.

This information is only to be used as a guide to the selection of seal compounds. Application, as well as temperature, pressures, media, and finishes, should all be considered when choosing seal compounds. Other compounds are available.



MFP PART NUMBER

OR-010N6001

SEAL TYPE | COMPOUND
AS568D DASH #

COMPOUNDS FORMULATED FOR O-RINGS

Compound Name	Designation	Hardness	Color	Temperature Range	
E7101	EPDM	70 Shore A	Black	-50°C to +100°C	(-58°F to +212°F)
E7102	EPDM	80 Shore A	Black	-50°C to +100°C	(-58°F to +212°F)
E7103 (NSF61)	EPDM	70 Shore A	Black	-50°C to +100°C	(-58°F to +212°F)
E7105 (WRAS/NSF61)	EPDM	70 Shore A	Black	-50°C to +150°C	(-58°F to +302°F)
FC7500 - Fluorochem®	FKME	75 Shore A	Black	-22°C to +250°C	(-7°F to +482°F)
FC7510 - Fluorochem®	FKM	75 Shore A	Black	-20°C to +200°C	(-4°F to +392°F)
FC7525 - Fluorochem®	FFKM	75 Shore A	Black	-15°C to +320°C	(+5°F to +608°F)
FC7550 - Fluorochem®	FFKM	75 Shore A	White	-15°C to +320°C	(+5°F to +608°F)
FC7575 - Fluorochem®	FFKM	90 Shore A	Black	-15°C to +320°C	(+5°F to +608°F)
FC7600 - Fluorochem®	FFKM	90 Shore A	Black	0°C to +260°C	(+32°F to +500°F)
FC7625 - Fluorochem®	FFKM	90 Shore A	Black	-4°C to +230°C	(+25°F to +446°F)
FC7650 - Fluorochem®	FFKM	70 Shore A	Black	-20°C to +230°C	(-4°F to +446°F)
FC7675 - Fluorochem®	FFKM	75 Shore A	Black	-4°C to +230°C	(+25°F to +446°F)
FC7700 - Fluorochem®	FFKM	75 Shore A	Black	-7°C to +230°C	(+20°F to +446°F)
FC7725 - Fluorochem®	FFKM	75 Shore A	White	-7°C to +230°C	(+20°F to +446°F)
FC7750 - Fluorochem®	FFKM	75 Shore A	Black	-6°C to +300°C	(+21°F to +570°F)
FC7775 - Fluorochem®	FFKM	75 Shore A	Black	-7°C to +230°C	(+20°F to +446°F)
FC7800 - Fluorochem®	FFKM	75 Shore A	Black	-5°C to +320°C	(+23°F to +608°F)
FS7101	FVMQ	70 Shore A	Blue	-60°C to +200°C	(-76°F to +392°F)
N6001	NBR	70 Shore A	Black	-40°C to +100°C	(-40°F to +212°F)
N6003	NBR	90 Shore A	Black	-20°C to +100°C	(-4°F to +212°F)
N6007	HNBR	70 Shore A	Black	-40°C to +125°C	(-40°F to +257°F)
N6008	HNBR	80 Shore A	Black	-35°C to +150°C	(-31°F to +302°F)
N6009	HNBR	90 Shore A	Black	-30°C to +150°C	(-22°F to +302°F)
N6010	HNBR	70 Shore A	Green	-40°C to +150°C	(-40°F to +302°F)
N6011	HNBR	80 Shore A	Green	-25°C to +150°C	(-13°F to +302°F)
N6012	HNBR	90 Shore A	Green	-20°C to +150°C	(-4°F to +302°F)
S7100*	SIL	70 Shore A	Rust Red	-55°C to +240°C	(-67°F to +464°F)
T1000	PTFE	51-60 Shore D	White	-200°C to +260°C	(-328°F to +500°F)
U6865	TPU	70 Shore A	Natural	-81°C to +100°C	(-115°F to +212°F)

Continued on next page.

O-Ring - AS568D

A product of MFP Seals.

MFPSEALS
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OR - AS568D

COMPOUNDS FORMULATED FOR O-RINGS

Compound Name	Designation	Hardness	Color	Temperature Range	
U9251	TPU	90 Shore A	Natural	-54°C to +150°C	(-65°F to +300°F)
V1125 - Aflas®	FKM	80 Shore A	Black	-0°C to +230°C	(+32°F to +446°F)
V7100	FKM	75 Shore A	Black	-20°C to +200°C	(-4°F to +392°F)
V7125	FKM	75 Shore A	Black	-15°C to +200°C	(+5°F to +392°F)
V7150	FKM	75 Shore A	Black	-15°C to +200°C	(+5°F to +392°F)
V7155	FKM	75 Shore A	Brown	-15°C to +200°C	(+5°F to +392°F)
V7165	FKM	90 Shore A	Black	-20°C to +200°C	(-4°F to +392°F)
V7175	FKM	90 Shore A	Black	-10°C to +200°C	(+14°F to +392°F)
V7200	FKM	90 Shore A	Black	-30°C to +250°C	(-22°F to +482°F)
V7250	FKM	75 Shore A	Green	-15°C to +200°C	(+5°F to +392°F)
V7325 (AMS-R-83485)	FKM-GLT	75 Shore A	Black	-40°C to +200°C	(-40°F to +392°F)
V7350	FEPM	90 Shore A	Black	-20°C to +220°C	(-4°F to +428°F)

This information is only to be used as a guide to the selection of seal compounds. Application, as well as temperature, pressures, media, and finishes, should all be considered when choosing seal compounds. Other compounds may be available based on application. This is not a complete list of available compounds. For more information contact MFP Seals at sales@mfpseals.com or (248) 585-8170. Fluorochem® (2012) and Ultraflex® (2011) are registered trademarks of Martin Fluid Power Co., Inc. *FDA Grade w/o Certification. AFLAS® is a registered trademark of the Asahi Glass Co., Ltd.

Now that's an O-Ring!

NO MAX DIAMETER

The **SMALLEST** O-Ring that can be produced with this process:

C/S: 0.103 in. (2.62 mm)

I.D.: 7.874 in. (200 mm)

Minimum Order: One

Physical and Mechanical Material Features are **Not Altered** by this process.

Shown: 15 ft. (4,572 mm) I.D. Green FKM O-Ring.

The **LARGEST** O-Ring that can be produced with this process:

C/S: 1.574 in. (40 mm)

I.D.: Unlimited

Maximum Order: Unlimited

No Glues or Hot Vulcanization used in this process.

Available Materials:

EPDM, EPDM PX, FEPM, FKM, FFKM, CR, HNBR, NBR, VMQ

MFPSEALS
A DIVISION OF MARTIN FLUID POWER
CONTINUOUSLY MOLDED

INCH CROSS SECTIONS (AS568)

0.103 0.139 0.210 0.250 0.275 0.375 0.500

METRIC CROSS SECTIONS (ISO3601-1)

2.62	4.5	5.70	7.00	8.50	10.82	13.00	16.00	20.00	26.00
3.00	5.0	6.00	7.50	9.00	11.00	14.00	17.00	22.00	28.00
3.53	5.33	6.35	8.00	9.50	12.00	14.40	18.00	24.00	30.00
4.00	5.50	6.50	8.40	10.00	12.70	15.00	19.00	25.00	40.00

Dimensional Tolerances according to ISO 3601-1 and surface imperfections to ISO 3601-3, with integrations for non-standard dimensions.

CONTACT YOUR MFP SEALS SALES REPRESENTATIVE FOR MORE INFORMATION

O-RINGS

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/32 - CROSS SECTION					
-001	1/32	3/32	1/32	.029 ± .004	.040 ± .003
3/64 - CROSS SECTION					
-002	3/64	9/64	3/64	.042 ± .004	.050 ± .003
1/16 - CROSS SECTION					
-003	1/16	3/16	1/16	.056 ± .004	.060 ± .003
-004	5/64	13/64	1/16	.070 ± .005	.070 ± .003
-005	3/32	7/32	1/16	.101 ± .005	.070 ± .003
-006	1/8	1/4	1/16	.114 ± .005	.070 ± .003
-007	5/32	9/32	1/16	.145 ± .005	.070 ± .003
-008	3/16	5/16	1/16	.176 ± .005	.070 ± .003
-009	7/32	11/32	1/16	.208 ± .005	.070 ± .003
-010	1/4	3/8	1/16	.239 ± .005	.070 ± .003
-011	5/16	7/16	1/16	.301 ± .005	.070 ± .003
-012	3/8	1/2	1/16	.364 ± .005	.070 ± .003
-013	7/16	9/16	1/16	.426 ± .005	.070 ± .003
-014	1/2	5/8	1/16	.489 ± .005	.070 ± .003
-015	9/16	11/16	1/16	.551 ± .007	.070 ± .003
-016	5/8	3/4	1/16	.614 ± .009	.070 ± .003
-017	11/16	13/16	1/16	.676 ± .009	.070 ± .003
-018	3/4	7/8	1/16	.739 ± .009	.070 ± .003
-019	13/16	15/16	1/16	.801 ± .009	.070 ± .003
-020	7/8	1	1/16	.864 ± .009	.070 ± .003
-021	15/16	1-1/16	1/16	.926 ± .009	.070 ± .003
-022	1	1-1/8	1/16	.989 ± .010	.070 ± .003
-023	1-1/16	1-3/16	1/16	1.051 ± .010	.070 ± .003
-024	1-1/8	1-1/4	1/16	1.114 ± .010	.070 ± .003
-025	1-3/16	1-5/16	1/16	1.176 ± .011	.070 ± .003
-026	1-1/4	1-3/8	1/16	1.239 ± .011	.070 ± .003
-027	1-5/16	1-7/16	1/16	1.301 ± .011	.070 ± .003
-028	1-3/8	1-1/2	1/16	1.364 ± .013	.070 ± .003
-029	1-1/2	1-5/8	1/16	1.489 ± .013	.070 ± .003
-030	1-5/8	1-3/4	1/16	1.614 ± .013	.070 ± .003
-031	1-3/4	1-7/8	1/16	1.739 ± .015	.070 ± .003
-032	1-7/8	2	1/16	1.864 ± .015	.070 ± .003
-033	2	2-1/8	1/16	1.989 ± .018	.070 ± .003
-034	2-1/8	2-1/4	1/16	2.114 ± .018	.070 ± .003
-035	2-1/4	2-3/8	1/16	2.239 ± .018	.070 ± .003
-036	2-3/8	2-1/2	1/16	2.364 ± .018	.070 ± .003
-037	2-1/2	2-5/8	1/16	2.489 ± .018	.070 ± .003
-038	2-5/8	2-3/4	1/16	2.614 ± .020	.070 ± .003
-039	2-3/4	2-7/8	1/16	2.739 ± .020	.070 ± .003
-040	2-7/8	3	1/16	2.864 ± .020	.070 ± .003
-041	3	3-1/8	1/16	2.989 ± .024	.070 ± .003
-042	3-1/4	3-3/8	1/16	3.239 ± .024	.070 ± .003
-043	3-1/2	3-5/8	1/16	3.489 ± .024	.070 ± .003
-044	3-3/4	3-7/8	1/16	3.739 ± .027	.070 ± .003
-045	4	4-1/8	1/16	3.989 ± .027	.070 ± .003
-046	4-1/4	4-3/8	1/16	4.239 ± .030	.070 ± .003
-047	4-1/2	4-5/8	1/16	4.489 ± .030	.070 ± .003
-048	4-3/4	4-7/8	1/16	4.739 ± .030	.070 ± .003
-049	5	5-1/8	1/16	4.989 ± .037	.070 ± .003
-050	5-1/4	5-3/8	1/16	5.239 ± .037	.070 ± .003

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
3/32 - CROSS SECTION					
-102	1/16	1/4	3/32	.049 ± .005	.103 ± .003
-103	3/32	9/32	3/32	.081 ± .005	.103 ± .003
-104	1/8	5/16	3/32	.112 ± .005	.103 ± .003
-105	5/32	11/32	3/32	.143 ± .005	.103 ± .003
-106	3/16	3/8	3/32	.174 ± .005	.103 ± .003
-107	7/32	13/32	3/32	.206 ± .005	.103 ± .003
-108	1/4	7/16	3/32	.237 ± .005	.103 ± .003
-109	5/16	1/2	3/32	.299 ± .005	.103 ± .003
-110	3/8	9/16	3/32	.362 ± .005	.103 ± .003
-111	7/16	5/8	3/32	.424 ± .005	.103 ± .003
-112	1/2	11/16	3/32	.487 ± .005	.103 ± .003
-113	9/16	3/4	3/32	.549 ± .007	.103 ± .003
-114	5/8	13/16	3/32	.612 ± .009	.103 ± .003
-115	11/16	7/8	3/32	.674 ± .009	.103 ± .003
-116	3/4	15/16	3/32	.737 ± .009	.103 ± .003
-117	13/16	1	3/32	.799 ± .010	.103 ± .003
-118	7/8	1-1/16	3/32	.862 ± .010	.103 ± .003
-119	15/16	1-1/8	3/32	.924 ± .010	.103 ± .003
-120	1	1-3/16	3/32	.987 ± .010	.103 ± .003
-121	1-1/16	1-1/4	3/32	1.049 ± .010	.103 ± .003
-122	1-1/8	1-5/16	3/32	1.112 ± .010	.103 ± .003
-123	1-3/16	1-3/8	3/32	1.174 ± .012	.103 ± .003
-124	1-1/4	1-7/16	3/32	1.237 ± .012	.103 ± .003
-125	1-5/16	1-1/2	3/32	1.299 ± .012	.103 ± .003
-126	1-3/8	1-9/16	3/32	1.362 ± .012	.103 ± .003
-127	1-7/16	1-5/8	3/32	1.424 ± .012	.103 ± .003
-128	1-1/2	1-11/16	3/32	1.487 ± .012	.103 ± .003
-129	1-9/16	1-3/4	3/32	1.549 ± .015	.103 ± .003
-130	1-5/8	1-13/16	3/32	1.612 ± .015	.103 ± .003
-131	1-11/16	1-7/8	3/32	1.674 ± .015	.103 ± .003
-132	1-3/4	1-15/16	3/32	1.737 ± .015	.103 ± .003
-133	1-13/16	2	3/32	1.799 ± .015	.103 ± .003
-134	1-7/8	2-1/16	3/32	1.862 ± .015	.103 ± .003
-135	1-15/16	2-1/8	3/32	1.925 ± .017	.103 ± .003
-136	2	2-3/16	3/32	1.987 ± .017	.103 ± .003
-137	2-1/16	2-1/4	3/32	2.050 ± .017	.103 ± .003
-138	2-1/8	2-5/16	3/32	2.112 ± .017	.103 ± .003
-139	2-3/16	2-3/8	3/32	2.175 ± .017	.103 ± .003
-140	2-1/4	2-7/16	3/32	2.237 ± .017	.103 ± .003
-141	2-5/16	2-1/2	3/32	2.300 ± .020	.103 ± .003
-142	2-3/8	2-9/16	3/32	2.362 ± .020	.103 ± .003
-143	2-7/16	2-5/8	3/32	2.425 ± .020	.103 ± .003
-144	2-1/2	2-11/16	3/32	2.487 ± .020	.103 ± .003
-145	2-9/16	2-3/4	3/32	2.550 ± .020	.103 ± .003
-146	2-5/8	2-13/16	3/32	2.612 ± .020	.103 ± .003
-147	2-11/16	2-7/8	3/32	2.675 ± .022	.103 ± .003
-148	2-3/4	2-15/16	3/32	2.737 ± .022	.103 ± .003
-149	2-13/16	3	3/32	2.800 ± .022	.103 ± .003
-150	2-7/8	3-1/16	3/32	2.862 ± .022	.103 ± .003
-151	3	3-3/16	3/32	2.987 ± .024	.103 ± .003
-152	3-1/4	3-7/16	3/32	3.237 ± .024	.103 ± .003
-153	3-1/2	3-11/16	3/32	3.487 ± .024	.103 ± .003
-154	3-3/4	3-15/16	3/32	3.737 ± .028	.103 ± .003

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DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
3/32 - CROSS SECTION					
-155	4	4-3/16	3/32	3.987 ± .028	.103 ± .003
-156	4-1/4	4-7/16	3/32	4.237 ± .030	.103 ± .003
-157	4-1/2	4-11/16	3/32	4.487 ± .030	.103 ± .003
-158	4-3/4	4-15/16	3/32	4.737 ± .030	.103 ± .003
-159	5	5-3/16	3/32	4.987 ± .035	.103 ± .003
-160	5-1/4	5-7/16	3/32	5.237 ± .035	.103 ± .003
-161	5-1/2	5-11/16	3/32	5.487 ± .035	.103 ± .003
-162	5-3/4	5-15/16	3/32	5.737 ± .035	.103 ± .003
-163	6	6-3/16	3/32	5.987 ± .035	.103 ± .003
-164	6-1/4	6-7/16	3/32	6.237 ± .040	.103 ± .003
-165	6-1/2	6-11/16	3/32	6.487 ± .040	.103 ± .003
-166	6-3/4	6-15/16	3/32	6.737 ± .040	.103 ± .003
-167	7	7-3/16	3/32	6.987 ± .040	.103 ± .003
-168	7-1/4	7-7/16	3/32	7.237 ± .045	.103 ± .003
-169	7-1/2	7-11/16	3/32	7.487 ± .045	.103 ± .003
-170	7-3/4	7-15/16	3/32	7.737 ± .045	.103 ± .003
-171	8	8-3/16	3/32	7.987 ± .045	.103 ± .003
-172	8-1/4	8-7/16	3/32	8.237 ± .050	.103 ± .003
-173	8-1/2	8-11/16	3/32	8.487 ± .050	.103 ± .003
-174	8-3/4	8-15/16	3/32	8.737 ± .050	.103 ± .003
-175	9	9-3/16	3/32	8.987 ± .050	.103 ± .003
-176	9-1/4	9-7/16	3/32	9.237 ± .055	.103 ± .003
-177	9-1/2	9-11/16	3/32	9.487 ± .055	.103 ± .003
-178	9-3/4	9-15/16	3/32	9.737 ± .055	.103 ± .003

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/8 - CROSS SECTION					
-201	3/16	7/16	1/8	.171 ± .005	.139 ± .004
-202	1/4	1/2	1/8	.234 ± .005	.139 ± .004
-203	5/16	9/16	1/8	.296 ± .005	.139 ± .004
-204	3/8	5/8	1/8	.359 ± .005	.139 ± .004
-205	7/16	11/16	1/8	.421 ± .005	.139 ± .004
-206	1/2	3/4	1/8	.484 ± .005	.139 ± .004
-207	9/16	13/16	1/8	.546 ± .007	.139 ± .004
-208	5/8	7/8	1/8	.609 ± .009	.139 ± .004
-209	11/16	15/16	1/8	.671 ± .009	.139 ± .004
-210	3/4	1	1/8	.734 ± .010	.139 ± .004
-211	13/16	1-1/16	1/8	.796 ± .010	.139 ± .004
-212	7/8	1-1/8	1/8	.859 ± .010	.139 ± .004
-213	15/16	1-3/16	1/8	.921 ± .010	.139 ± .004
-214	1	1-1/4	1/8	.984 ± .010	.139 ± .004
-215	1-1/16	1-5/16	1/8	1.046 ± .010	.139 ± .004
-216	1-1/8	1-3/8	1/8	1.109 ± .012	.139 ± .004
-217	1-3/16	1-7/16	1/8	1.171 ± .012	.139 ± .004
-218	1-1/4	1-1/2	1/8	1.234 ± .012	.139 ± .004
-219	1-5/16	1-9/16	1/8	1.296 ± .012	.139 ± .004
-220	1-3/8	1-5/8	1/8	1.359 ± .012	.139 ± .004
-221	1-7/16	1-11/16	1/8	1.421 ± .012	.139 ± .004
-222	1-1/2	1-3/4	1/8	1.484 ± .015	.139 ± .004
-223	1-5/8	1-7/8	1/8	1.609 ± .015	.139 ± .004
-224	1-3/4	2	1/8	1.734 ± .015	.139 ± .004
-225	1-7/8	2-1/8	1/8	1.859 ± .018	.139 ± .004
-226	2	2-1/4	1/8	1.984 ± .018	.139 ± .004
-227	2-1/8	2-3/8	1/8	2.109 ± .018	.139 ± .004

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/8 - CROSS SECTION					
-228	2-1/4	2-1/2	1/8	2.234 ± .020	.139 ± .004
-229	2-3/8	2-5/8	1/8	2.359 ± .020	.139 ± .004
-230	2-1/2	2-3/4	1/8	2.484 ± .020	.139 ± .004
-231	2-5/8	2-7/8	1/8	2.609 ± .020	.139 ± .004
-232	2-3/4	3	1/8	2.734 ± .024	.139 ± .004
-233	2-7/8	3-1/8	1/8	2.859 ± .024	.139 ± .004
-234	3	3-1/4	1/8	2.984 ± .024	.139 ± .004
-235	3-1/8	3-3/8	1/8	3.109 ± .024	.139 ± .004
-236	3-1/4	3-1/2	1/8	3.234 ± .024	.139 ± .004
-237	3-3/8	3-5/8	1/8	3.359 ± .024	.139 ± .004
-238	3-1/2	3-3/4	1/8	3.484 ± .024	.139 ± .004
-239	3-5/8	3-7/8	1/8	3.609 ± .028	.139 ± .004
-240	3-3/4	4	1/8	3.734 ± .028	.139 ± .004
-241	3-7/8	4-1/8	1/8	3.859 ± .028	.139 ± .004
-242	4	4-1/4	1/8	3.984 ± .028	.139 ± .004
-243	4-1/8	4-3/8	1/8	4.109 ± .028	.139 ± .004
-244	4-1/4	4-1/2	1/8	4.234 ± .030	.139 ± .004
-245	4-3/8	4-5/8	1/8	4.359 ± .030	.139 ± .004
-246	4-1/2	4-3/4	1/8	4.484 ± .030	.139 ± .004
-247	4-5/8	4-7/8	1/8	4.609 ± .030	.139 ± .004
-248	4-3/4	5	1/8	4.734 ± .030	.139 ± .004
-249	4-7/8	5-1/8	1/8	4.859 ± .035	.139 ± .004
-250	5	5-1/4	1/8	4.984 ± .035	.139 ± .004
-251	5-1/8	5-3/8	1/8	5.109 ± .035	.139 ± .004
-252	5-1/4	5-1/2	1/8	5.234 ± .035	.139 ± .004
-253	5-3/8	5-5/8	1/8	5.359 ± .035	.139 ± .004
-254	5-1/2	5-3/4	1/8	5.484 ± .035	.139 ± .004
-255	5-5/8	5-7/8	1/8	5.609 ± .035	.139 ± .004
-256	5-3/4	6	1/8	5.734 ± .035	.139 ± .004
-257	5-7/8	6-1/8	1/8	5.859 ± .035	.139 ± .004
-258	6	6-1/4	1/8	5.984 ± .035	.139 ± .004
-259	6-1/4	6-1/2	1/8	6.234 ± .040	.139 ± .004
-260	6-1/2	6-3/4	1/8	6.484 ± .040	.139 ± .004
-261	6-3/4	7	1/8	6.734 ± .040	.139 ± .004
-262	7	7-1/4	1/8	6.984 ± .040	.139 ± .004
-263	7-1/4	7-1/2	1/8	7.234 ± .045	.139 ± .004
-264	7-1/2	7-3/4	1/8	7.484 ± .045	.139 ± .004
-265	7-3/4	8	1/8	7.734 ± .045	.139 ± .004
-266	8	8-1/4	1/8	7.984 ± .045	.139 ± .004
-267	8-1/4	8-1/2	1/8	8.234 ± .050	.139 ± .004
-268	8-1/2	8-3/4	1/8	8.484 ± .050	.139 ± .004
-269	8-3/4	9	1/8	8.734 ± .050	.139 ± .004
-270	9	9-1/4	1/8	8.984 ± .050	.139 ± .004
-271	9-1/4	9-1/2	1/8	9.234 ± .055	.139 ± .004
-272	9-1/2	9-3/4	1/8	9.484 ± .055	.139 ± .004
-273	9-3/4	10	1/8	9.734 ± .055	.139 ± .004
-274	10	10-1/4	1/8	9.984 ± .055	.139 ± .004
-275	10-1/2	10-3/4	1/8	10.484 ± .055	.139 ± .004
-276	11	11-1/4	1/8	10.984 ± .065	.139 ± .004
-277	11-1/2	11-3/4	1/8	11.484 ± .065	.139 ± .004
-278	12	12-1/4	1/8	11.984 ± .065	.139 ± .004
-279	13	13-1/4	1/8	12.984 ± .065	.139 ± .004
-280	14	14-1/4	1/8	13.984 ± .065	.139 ± .004

O-RINGS

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/8 - CROSS SECTION					
-281	15	15-1/4	1/8	14.984 ± .065	.139 ± .004
-282	16	16-1/4	1/8	15.955 ± .075	.139 ± .004
-283	17	17-1/4	1/8	16.955 ± .080	.139 ± .004
-284	18	18-1/4	1/8	17.955 ± .085	.139 ± .004
3/16 - CROSS SECTION					
-309	7/16	13/16	3/16	.412 ± .005	.210 ± .005
-310	1/2	7/8	3/16	.475 ± .005	.210 ± .005
-311	9/16	15/16	3/16	.537 ± .007	.210 ± .005
-312	5/8	1	3/16	.600 ± .009	.210 ± .005
-313	11/16	1-1/16	3/16	.662 ± .009	.210 ± .005
-314	3/4	1-1/8	3/16	.725 ± .010	.210 ± .005
-315	13/16	1-3/16	3/16	.787 ± .010	.210 ± .005
-316	7/8	1-1/4	3/16	.850 ± .010	.210 ± .005
-317	15/16	1-5/16	3/16	.912 ± .010	.210 ± .005
-318	1	1-3/8	3/16	.975 ± .010	.210 ± .005
-319	1-1/16	1-7/16	3/16	1.037 ± .010	.210 ± .005
-320	1-1/8	1-1/2	3/16	1.100 ± .012	.210 ± .005
-321	1-3/16	1-9/16	3/16	1.162 ± .012	.210 ± .005
-322	1-1/4	1-5/8	3/16	1.225 ± .012	.210 ± .005
-323	1-5/16	1-11/16	3/16	1.287 ± .012	.210 ± .005
-324	1-3/8	1-3/4	3/16	1.350 ± .012	.210 ± .005
-325	1-1/2	1-7/8	3/16	1.475 ± .015	.210 ± .005
-326	1-5/8	2	3/16	1.600 ± .015	.210 ± .005
-327	1-3/4	2-1/8	3/16	1.725 ± .015	.210 ± .005
-328	1-7/8	2-1/4	3/16	1.850 ± .015	.210 ± .005
-329	2	2-3/8	3/16	1.975 ± .018	.210 ± .005
-330	2-1/8	2-1/2	3/16	2.100 ± .018	.210 ± .005
-331	2-1/4	2-5/8	3/16	2.225 ± .018	.210 ± .005
-332	2-3/8	2-3/4	3/16	2.350 ± .018	.210 ± .005
-333	2-1/2	2-7/8	3/16	2.475 ± .020	.210 ± .005
-334	2-5/8	3	3/16	2.600 ± .020	.210 ± .005
-335	2-3/4	3-1/8	3/16	2.725 ± .020	.210 ± .005
-336	2-7/8	3-1/4	3/16	2.850 ± .020	.210 ± .005
-337	3	3-3/8	3/16	2.975 ± .024	.210 ± .005
-338	3-1/8	3-1/2	3/16	3.100 ± .024	.210 ± .005
-339	3-1/4	3-5/8	3/16	3.225 ± .024	.210 ± .005
-340	3-3/8	3-3/4	3/16	3.350 ± .024	.210 ± .005
-341	3-1/2	3-7/8	3/16	3.475 ± .024	.210 ± .005
-342	3-5/8	4	3/16	3.600 ± .028	.210 ± .005
-343	3-3/4	4-1/8	3/16	3.725 ± .028	.210 ± .005
-344	3-7/8	4-1/4	3/16	3.850 ± .028	.210 ± .005
-345	4	4-3/8	3/16	3.975 ± .028	.210 ± .005
-346	4-1/8	4-1/2	3/16	4.100 ± .028	.210 ± .005
-347	4-1/4	4-5/8	3/16	4.225 ± .030	.210 ± .005
-348	4-3/8	4-3/4	3/16	4.350 ± .030	.210 ± .005
-349	4-1/2	4-7/8	3/16	4.475 ± .030	.210 ± .005
-350	4-5/8	5	3/16	4.600 ± .030	.210 ± .005
-351	4-3/4	5-1/8	3/16	4.725 ± .030	.210 ± .005
-352	4-7/8	5-1/4	3/16	4.850 ± .030	.210 ± .005
-353	5	5-3/8	3/16	4.975 ± .037	.210 ± .005
-354	5-1/8	5-1/2	3/16	5.100 ± .037	.210 ± .005

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
3/16 - CROSS SECTION					
-355	5-1/4	5-5/8	3/16	5.225 ± .037	.210 ± .005
-356	5-3/8	5-3/4	3/16	5.350 ± .037	.210 ± .005
-357	5-1/2	5-7/8	3/16	5.475 ± .037	.210 ± .005
-358	5-5/8	6	3/16	5.600 ± .037	.210 ± .005
-359	5-3/4	6-1/8	3/16	5.725 ± .037	.210 ± .005
-360	5-7/8	6-1/4	3/16	5.850 ± .037	.210 ± .005
-361	6	6-3/8	3/16	5.975 ± .037	.210 ± .005
-362	6-1/4	6-5/8	3/16	6.225 ± .040	.210 ± .005
-363	6-1/2	6-7/8	3/16	6.475 ± .040	.210 ± .005
-364	6-3/4	7-1/8	3/16	6.725 ± .040	.210 ± .005
-365	7	7-3/8	3/16	6.975 ± .040	.210 ± .005
-366	7-1/4	7-5/8	3/16	7.225 ± .045	.210 ± .005
-367	7-1/2	7-7/8	3/16	7.475 ± .045	.210 ± .005
-368	7-3/4	8-1/8	3/16	7.725 ± .045	.210 ± .005
-369	8	8-3/8	3/16	7.975 ± .045	.210 ± .005
-370	8-1/4	8-5/8	3/16	8.225 ± .050	.210 ± .005
-371	8-1/2	8-7/8	3/16	8.475 ± .050	.210 ± .005
-372	8-3/4	9-1/8	3/16	8.725 ± .050	.210 ± .005
-373	9	9-3/8	3/16	8.975 ± .050	.210 ± .005
-374	9-1/4	9-5/8	3/16	9.225 ± .055	.210 ± .005
-375	9-1/2	9-7/8	3/16	9.475 ± .055	.210 ± .005
-376	9-3/4	10-1/8	3/16	9.725 ± .055	.210 ± .005
-377	10	10-3/8	3/16	9.975 ± .055	.210 ± .005
-378	10-1/2	10-7/8	3/16	10.475 ± .060	.210 ± .005
-379	11	11-3/8	3/16	10.975 ± .060	.210 ± .005
-380	11-1/2	11-7/8	3/16	11.475 ± .065	.210 ± .005
-381	12	12-3/8	3/16	11.975 ± .065	.210 ± .005
-382	13	13-3/8	3/16	12.975 ± .065	.210 ± .005
-383	14	14-3/8	3/16	13.975 ± .070	.210 ± .005
-384	15	15-3/8	3/16	14.975 ± .070	.210 ± .005
-385	16	16-3/8	3/16	15.955 ± .075	.210 ± .005
-386	17	17-3/8	3/16	16.955 ± .080	.210 ± .005
-387	18	18-3/8	3/16	17.955 ± .085	.210 ± .005
-388	19	19-3/8	3/16	18.955 ± .090	.210 ± .005
-389	20	20-3/8	3/16	19.955 ± .095	.210 ± .005
-390	21	21-3/8	3/16	20.955 ± .095	.210 ± .005
-391	22	22-3/8	3/16	21.955 ± .100	.210 ± .005
-392	23	23-3/8	3/16	22.940 ± .105	.210 ± .005
-393	24	24-3/8	3/16	23.940 ± .110	.210 ± .005
-394	25	25-3/8	3/16	24.940 ± .115	.210 ± .005
-395	26	26-3/8	3/16	25.940 ± .120	.210 ± .005
1/4 - CROSS SECTION					
-400	1-3/8	1-7/8	1/4	1.350 ± .014	.275 ± .006
-401	1-1/2	2	1/4	1.475 ± .014	.275 ± .006
-402	1-5/8	2-1/8	1/4	1.600 ± .015	.275 ± .006
-403	1-3/4	2-1/4	1/4	1.725 ± .016	.275 ± .006
-404	1-7/8	2-3/8	1/4	1.850 ± .016	.275 ± .006
-405	2	2-1/2	1/4	1.975 ± .017	.275 ± .006
-406	2-1/8	2-5/8	1/4	2.100 ± .018	.275 ± .006
-407	2-1/4	2-3/4	1/4	2.225 ± .018	.275 ± .006
-408	2-3/8	2-7/8	1/4	2.350 ± .020	.275 ± .006

AS568D

O-RINGS

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/4 - CROSS SECTION					
-409	2-1/2	3	1/4	2.475 ± .020	.275 ± .006
-410	2-5/8	3-1/8	1/4	2.600 ± .020	.275 ± .006
-411	2-3/4	3-1/4	1/4	2.725 ± .022	.275 ± .006
-412	2-7/8	3-3/8	1/4	2.850 ± .022	.275 ± .006
-413	3	3-1/2	1/4	2.975 ± .024	.275 ± .006
-414	3-1/8	3-5/8	1/4	3.100 ± .024	.275 ± .006
-415	3-1/4	3-3/4	1/4	3.225 ± .024	.275 ± .006
-416	3-3/8	3-7/8	1/4	3.350 ± .026	.275 ± .006
-417	3-1/2	4	1/4	3.475 ± .026	.275 ± .006
-418	3-5/8	4-1/8	1/4	3.600 ± .026	.275 ± .006
-419	3-3/4	4-1/4	1/4	3.725 ± .028	.275 ± .006
-420	3-7/8	3-3/8	1/4	3.850 ± .028	.275 ± .006
-421	4	4-1/2	1/4	3.975 ± .028	.275 ± .006
-422	4-1/8	4-5/8	1/4	4.100 ± .030	.275 ± .006
-423	4-1/4	4-3/4	1/4	4.225 ± .030	.275 ± .006
-424	4-3/8	4-7/8	1/4	4.350 ± .030	.275 ± .006
-425	4-1/2	5	1/4	4.475 ± .033	.275 ± .006
-426	4-5/8	5-1/8	1/4	4.600 ± .033	.275 ± .006
-427	4-3/4	5-1/4	1/4	4.725 ± .033	.275 ± .006
-428	4-7/8	5-3/8	1/4	4.850 ± .033	.275 ± .006
-429	5	5-1/2	1/4	4.975 ± .037	.275 ± .006
-430	5-1/8	5-5/8	1/4	5.100 ± .037	.275 ± .006
-431	5-1/4	5-3/4	1/4	5.225 ± .037	.275 ± .006
-432	5-3/8	5-7/8	1/4	5.350 ± .037	.275 ± .006
-433	5-1/2	6	1/4	5.475 ± .037	.275 ± .006
-434	5-5/8	6-1/8	1/4	5.600 ± .037	.275 ± .006
-435	5-3/4	6-1/4	1/4	5.725 ± .037	.275 ± .006
-436	5-7/8	6-3/8	1/4	5.850 ± .037	.275 ± .006
-437	6	6-1/2	1/4	5.975 ± .037	.275 ± .006
-438	6-1/4	6-3/4	1/4	6.225 ± .040	.275 ± .006
-439	6-1/2	7	1/4	6.475 ± .040	.275 ± .006
-440	6-3/4	7-1/4	1/4	6.725 ± .040	.275 ± .006
-441	7	7-1/2	1/4	6.975 ± .040	.275 ± .006
-442	7-1/4	7-3/4	1/4	7.225 ± .045	.275 ± .006
-443	7-1/2	8	1/4	7.475 ± .045	.275 ± .006
-444	7-3/4	8-1/4	1/4	7.725 ± .045	.275 ± .006
-445	8	8-1/2	1/4	7.975 ± .045	.275 ± .006
-446	8-1/2	9	1/4	8.475 ± .055	.275 ± .006
-447	9	9-1/2	1/4	8.975 ± .055	.275 ± .006
-448	9-1/2	10	1/4	9.475 ± .055	.275 ± .006
-449	10	10-1/2	1/4	9.975 ± .055	.275 ± .006
-450	10-1/2	11	1/4	10.475 ± .060	.275 ± .006
-451	11	11-1/2	1/4	10.975 ± .060	.275 ± .006
-452	11-1/2	12	1/4	11.475 ± .060	.275 ± .006
-453	12	12-1/2	1/4	11.975 ± .060	.275 ± .006
-454	12-1/2	13	1/4	12.475 ± .060	.275 ± .006
-455	13	13-1/2	1/4	12.975 ± .060	.275 ± .006
-456	13-1/2	14	1/4	13.475 ± .070	.275 ± .006
-457	14	14-1/2	1/4	13.975 ± .070	.275 ± .006
-458	14-1/2	15	1/4	14.475 ± .070	.275 ± .006
-459	15	15-1/2	1/4	14.975 ± .070	.275 ± .006
-460	15-1/2	16	1/4	15.475 ± .070	.275 ± .006

DASH NUMBER	NOMINAL SIZE			ACTUAL SIZE	
	ID	OD	C/S	ID	C/S
1/4 - CROSS SECTION					
-461	16	16-1/2	1/4	15.955 ± .075	.275 ± .006
-462	16-1/2	17	1/4	16.455 ± .075	.275 ± .006
-463	17	17-1/2	1/4	16.955 ± .080	.275 ± .006
-464	17-1/2	18	1/4	17.455 ± .085	.275 ± .006
-465	18	18-1/2	1/4	17.955 ± .085	.275 ± .006
-466	18-1/2	19	1/4	18.455 ± .085	.275 ± .006
-467	19	19-1/2	1/4	18.955 ± .090	.275 ± .006
-468	19-1/2	20	1/4	19.455 ± .090	.275 ± .006
-469	20	20-1/2	1/4	19.955 ± .095	.275 ± .006
-470	21	21-1/2	1/4	20.955 ± .095	.275 ± .006
-471	22	22-1/2	1/4	21.955 ± .100	.275 ± .006
-472	23	23-1/2	1/4	22.940 ± .105	.275 ± .006
-473	24	24-1/2	1/4	23.940 ± .110	.275 ± .006
-474	25	25-1/2	1/4	24.940 ± .115	.275 ± .006
-475	26	26-1/2	1/4	25.940 ± .120	.275 ± .006

BOSS O-RINGS					
DASH NUMBER	ID	OD	C/S	ID	C/S
-901		3/32		.185 ± .005	0.056 ± .003
-902		1/8		.239 ± .005	0.064 ± .003
-903		3/16		.301 ± .005	0.064 ± .003
-904		1/4		.351 ± .005	0.072 ± .003
-905		5/16		.414 ± .005	0.072 ± .003
-906		3/8		.468 ± .005	0.078 ± .003
-907		7/16		.530 ± .007	0.082 ± .003
-908		1/2		.644 ± .009	0.087 ± .003
-909		9/16		.706 ± .009	0.097 ± .003
-910		5/8		.755 ± .009	0.097 ± .003
-911		11/16		.863 ± .009	0.116 ± .004
-912		3/4		.924 ± .009	0.116 ± .004
-913		13/16		.986 ± .010	0.116 ± .004
-914		7/8		1.047 ± .010	0.116 ± .004
-916		1		1.171 ± .010	0.116 ± .004
-918		1-1/8		1.355 ± .012	0.116 ± .004
-920		1-1/4		1.475 ± .014	0.118 ± .004
-924		1-1/2		1.720 ± .014	0.118 ± .004
-928		1-3/4		2.090 ± .018	0.118 ± .004
-932		2		2.337 ± .018	0.118 ± .004