

O-Ring Reference



Size*	Dimensions		Pkg. Qty.	Viton® Order Code	Silicone Order Code	Buna-N Order Code	FETFE® Order Code	EPDM Order Code	Pkg. Qty.	Chemraz® Order Code	Kalrez® Order Code	CAPFE™ Order Code
	I.D.,mm	W.										
-006	2.9	1.78	12	89060-596	89060-636	89060-786	89060-952	—	1	89061-258	89060-896	—
-007	3.7	1.78	12	89060-598	89060-638	89060-788	89060-954	—	1	89061-260	89060-898	—
-008	4.5	1.78	12	89060-602	89060-642	89060-792	89060-958	89061-180	1	89061-264	89060-900	—
-009	5.3	1.78	12	89060-608	89060-648	89060-798	89060-964	—	1	89061-270	89060-906	—
-010	6.1	1.78	12	89060-604	89060-644	89060-794	89060-960	—	1	89061-266	89060-902	89061-080
-011	7.7	1.78	12	89060-606	89060-646	89060-796	89060-962	89061-182	1	89061-268	89060-904	89061-082
-012	9.2	1.78	12	89060-610	89060-650	89060-800	89060-966	89061-184	1	89061-272	89060-908	89061-084
-013	10.8	1.78	12	89060-614	89060-656	89060-804	89060-972	89061-186	1	89061-274	89060-910	89061-086
-014	12.4	1.78	12	89060-618	89060-660	89060-808	89060-976	89061-188	1	89061-278	89060-912	—
-015	14.0	1.78	12	89060-620	89060-662	89060-810	89060-978	—	1	89061-280	89427-818	89061-088
-016	15.6	1.78	12	89060-622	89060-664	89060-812	89060-980	89061-190	1	89061-282	89060-914	—
-018	18.8	1.78	12	89060-624	89060-666	89060-814	89060-982	—	1	89061-284	89427-820	89061-090
-021	23.5	1.78	12	89060-632	89060-674	89060-822	89060-990	—	1	89061-292	89427-822	89061-098
-022	25.1	1.78	12	89060-628	89060-670	89060-818	89060-986	—	1	89061-288	89427-824	89061-094
-105	3.6	2.6	12	89060-600	89060-640	89060-790	89060-956	—	1	89061-262	89427-828	—
-107	5.2	2.6	12	89060-612	89060-652	89060-802	89060-968	—	—	—	—	—
-108	6.0	2.6	12	89060-616	89060-658	89060-806	89060-974	—	1	89061-276	89427-830	—
-110	9.2	2.6	12	89060-626	89060-668	89060-816	89060-984	89061-192	1	89061-286	89060-916	89061-092
-111	10.8	2.6	12	89060-630	89060-672	89060-820	89060-988	—	1	89061-290	89060-918	89061-096
-112	12.4	2.6	12	89060-634	89060-678	89060-826	89060-994	—	1	89061-294	89060-920	89061-102
-113	13.9	2.6	12	89060-654	89060-680	89060-828	89060-996	—	1	89061-296	89060-922	89061-104
-114	15.5	2.6	12	89060-676	89060-682	89060-830	89060-998	89061-194	1	89061-298	89060-924	89061-106
-115	17.1	2.6	12	89060-706	89060-684	89060-832	89061-000	—	1	89061-300	89427-826	89061-108
-116	18.7	2.6	12	89060-728	89060-686	89060-834	89061-002	89061-196	1	89061-302	89060-926	89061-110
-118	21.9	2.6	12	89060-950	89060-738	89060-878	89061-052	—	1	89061-338	89427-832	89061-146
-121	26.6	2.6	12	89060-736	89060-688	89060-836	89061-004	89061-198	1	89061-304	89060-928	89061-112
-122	28.2	2.6	6	89060-970	89060-740	89060-880	89061-054	—	1	89061-340	89427-834	89061-148
-123	29.8	2.6	6	89060-654	89060-690	89060-838	89061-006	89061-200	1	89061-306	89427-836	89061-114
-125	33.0	2.6	6	89060-992	89060-742	89060-882	89061-056	—	1	89061-342	89427-838	89061-150
-127	36.2	2.6	6	89061-044	89060-750	89060-890	89061-064	—	1	89061-350	89427-840	89061-158
-128	37.8	2.6	6	89061-010	89060-744	89060-884	89061-068	—	1	89061-344	89427-842	89061-152
-136	50.5	2.6	6	89060-768	89060-692	89060-840	89061-008	89061-202	1	89061-308	89060-930	89061-116
-210	18.6	3.5	6	89060-770	89060-694	89060-842	89061-012	89061-204	1	89061-310	89060-932	89061-118
-211	20.2	3.5	6	89060-774	89060-696	89060-844	89061-014	89061-206	1	89061-312	89060-934	89061-120
-212	21.8	3.5	6	89060-776	89060-698	89060-846	89061-016	89061-208	1	89061-314	89060-936	89061-122
-213	23.4	3.5	6	89060-778	89060-700	89060-848	89061-018	—	1	89061-316	89427-844	—
-214	25.0	3.5	6	89060-780	89060-702	89060-850	89061-020	89061-210	1	89061-318	89427-846	89061-124
-215	26.6	3.5	6	89215-128	—	89215-112	—	—	—	—	—	—
-216	28.2	3.5	6	89060-782	89060-704	89060-852	89061-022	89061-212	1	89061-320	89427-848	—
-217	29.7	3.5	6	89060-784	89060-708	89060-856	89061-026	—	1	89061-322	89060-940	89061-126
-218	31.3	3.5	6	89215-130	—	89215-114	—	—	—	—	—	—
-219	32.9	3.5	6	89215-132	—	89215-116	—	—	—	—	—	—
-220	34.5	3.5	6	89060-824	89060-710	89060-858	89061-028	89061-214	1	89061-324	89060-942	89061-128
-221	36.1	3.5	6	89215-134	—	89215-118	—	—	—	—	—	—
-222	37.7	3.5	6	89215-136	—	89215-120	—	—	—	—	—	—
-223	40.9	3.5	3	89061-024	89060-746	89060-886	89061-060	—	1	89061-346	89427-850	89061-154
-225	47.2	3.5	3	89060-854	89060-712	89060-860	89061-030	89061-216	1	89061-326	89060-944	89061-130
-226	50.4	3.5	3	89060-874	89060-716	89060-864	89061-034	89061-218	1	89061-330	89427-852	89061-134
-227	53.6	3.5	3	89060-870	89060-714	89060-862	89061-032	—	1	89061-328	89427-854	89061-132
-228	56.7	3.5	3	89060-876	89060-718	89060-866	89061-036	—	1	89061-332	89427-856	89061-136
-229	59.9	3.5	3	89060-892	89060-720	89060-868	89061-038	89061-220	1	89061-334	89060-946	89061-138
-230	63.1	3.5	3	89061-040	89060-748	89060-888	89061-062	89061-222	1	89061-348	89427-858	89061-156
-232	69.4	3.5	3	—	—	—	—	—	1	—	—	89061-160
-233	72.6	3.5	3	—	—	—	89084-356	—	—	—	—	—
-235	79.0	3.5	3	89060-938	89060-732	—	89061-046	—	1	—	76107-016	89061-144
-239	91.7	3.5	3	—	—	—	—	—	—	—	—	—
-240	94.9	3.5	3	—	—	—	—	—	—	—	—	—
-317	23.2	5.3	—	—	—	—	—	—	1	—	—	89084-358
-325	37.5	5.3	3	89215-138	—	89215-122	—	—	—	—	—	—
-326	40.6	5.3	3	89215-140	—	89215-124	—	—	—	—	—	—
-327	43.8	5.3	3	89215-142	89060-754	89215-126	—	—	1	89061-352	89427-860	—
-329	50.2	5.3	3	—	89060-760	—	89061-072	—	1	—	—	89061-170
-335	69.2	5.3	3	—	—	89235-688	—	—	—	—	—	—
-336	72.4	5.3	3	89061-100	89060-758	—	89061-070	—	—	—	—	—
-338	78.7	5.3	3	89061-050	89060-752	—	89061-066	—	—	—	—	—
-341	88.3	5.3	3	89060-894	89060-722	89060-872	89061-042	—	1	89061-336	89427-862	89061-140
-343	94.6	5.3	3	89060-948	89060-734	—	89061-048	—	—	—	—	—
-348	110.5	5.3	3	89061-076	—	—	89061-068	—	1	89061-354	89427-864	89061-164
-349	113.7	5.3	3	—	89060-762	—	89061-074	—	1	—	76107-018	89061-176
-359	145.4	5.3	—	—	89060-766	—	—	—	1	—	76107-020	89061-178
-361	151.8	5.3	—	—	—	—	—	—	1	—	—	89061-142
5-101	2.5	0.97	12	89061-078	—	—	—	—	—	—	—	—
5-193	4.5	1.0	12	76107-104	—	—	—	—	—	—	—	—
5-017	6.1	2.6	12	—	—	—	—	—	—	—	—	—
—	75.5	4.0	1	10099-460	71000-160	—	—	—	1	—	10767-318	89061-162
—	110.0	5.0	1	10099-462	71000-162	—	—	—	1	—	10767-320	89061-166
—	150.0	5.0	1	10099-464	71000-164	—	—	—	1	—	10767-322	89061-168
—	215.0	5.0	1	—	71000-166	—	—	—	1	—	10767-324	89061-172
O-Ring Kits — 30 Sizes			500	89235-684	—	89235-688	—	—	—	—	—	—
O-Ring Sets — one box of 18 sets				—	—	—	89062-502	—	—	—	—	—
O-Ring Sets — one box of 18 sets				—	—	—	89062-504	—	—	—	—	—
O-Ring Sets — one box of 12 sets				—	—	—	89062-506	—	—	—	—	—
O-Ring Sets — one box of 6 sets				—	—	—	89062-508	—	—	—	—	—

*Sizes not listed are available via special order. Call or email for quotation.

Viton®1 A
This class of elastomers is a family comprised of linear co-polymer of vinylidene fluoride and hexafluoropropylene. Fluorine content is between 66 to 70%. Generally black in color, and with generally good temperature and chemical resistance.

Buna-N
Also known as Nitrile rubber, is a synthetic blended rubber, co-polymer of acrylonitrile and butadiene. Generally resistant to fuels and oils. Generally black or brown in color.

CAPFE™
An ACE exclusive o-ring with a resilient rubber core encased in a thick, non-porous FEP/PTFE. Offers both resilience and chemical resistance. Thick PTFE encapsulation permits wide application without leakage or deterioration.

Chemraz®3
A white perfluoroelastomer (FFKM + TFE) compound with high temperature and chemical resistance. Has all the properties and inertness of PTFE. Great for Pharmaceutical or food applications where high purity is a must.

EPDM
This is a type of synthetic rubber of ethylene-propylene also referred to as EPDM; E = ethylene, P = propylene, D = diene and M refers to monomer or M-class rubber, (ASTM D1418). Good soft general seal with wide applications and good compression set. Can be green, brown or black in color.

FETFE®2
An ACE exclusive compound which is a fluoroelastomer (FKM) with PTFE additives serving as an internal lubricant. It has good compression set along with excellent temperature and chemical compatibility. Generally black in color.

Kalrez®1
A perfluoroelastomer (FFKM, 4079) compound with high temperature and chemical resistance. Has all the properties and inertness of PTFE. Great for Pharmaceutical or food applications where high purity is a must. Also excellent in semiconductor applications. Generally black but can be white also. FDA compliant Kalrez® 6230 available upon request.

Silicone
Is a "rubber-like" compound of silicone, (itself a polymer) containing silicon with carbon, hydrogen and oxygen. It is non-reactive and stable with good temperature resistance. Generally red in color and has excellent compression set.

¹Registered Trademark of E.I. DuPont & Co.
²Registered Trademark of Ace Glass, Inc.
³Registered Trademark of Green, Tweed & Co.

CHEMICAL COMPATIBILITY CHART

Key: 1=Recommended; 2=Satisfactory; 3=Poor; 4=Marginal; 5=Not Recommended; A=Acceptable; NA=									
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