

List of O-ring compounds

Compound number	Elastomer	Hardness IRHD $\pm 5^\circ$	Description/Application	Certificates	Colour	Datasheet	Temp. $^\circ\text{C}$
Aflas® 223001	Aflas® FEPM	70°	General purpose quality		black	x	-10/+250
Aflas® 223002	Aflas® FEPM	75°	General purpose quality		black	x	-10/+250
TFE/P 223201	TFE/P	75°	Base resistant quality		black	x	-10/+220
Aflas® 223301	Aflas® FEPM	80°	also as Vulc-O-ring		black	x	-10/+200
Aflas® 223302	Aflas® FEPM	90°	also as Vulc-O-ring		black	x	-10/+200
ACM 335002	ACM Polyacrylate	65°	Automotive	DBL6038.20	black	x	-10/+150
ACM 335001	ACM Polyacrylate	70°	Automotive	DBL 6038.20	black	x	-10/+150
ACM 335004	ACM Polyacrylate	70°	Automotive	BMW 5662-N602.00.0	black	x	-10/+150
ACM 335005	ACM Polyacrylate	70°	General purpose quality for motoroils		black	x	-10/+150
SBR 900001	SBR	70°	General purpose quality		black	x	-40/+80
Neoprene® 329301	Chloroprene CR	60°	Standard cord quality		white	x	-35/+100
Neoprene® 32906	Chloroprene CR	70°	Standard O-ring quality		black	x	-35/+110
Neoprene® 329001	Chloroprene CR	70°	General purpose quality		black	on request	-40/+100
Neoprene® 329302	Chloroprene CR	75°	Also as Vulc-O-ring		black	x	-35/+110
Neoprene® 329303	Chloroprene CR	75°	Also as Vulc-O-ring / Extraction tested	FDA 177.2600	black	x	-35/+100
Neoprene® specials	Chloroprene CR	40° to 90°	Different compounds		all colours	on request	

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NBR 366304	Nitrile-NBR	60°	Also as Vulc-O-ring		black	x	-30/+120
NBR 36624	Nitrile-NBR	70°	Standard O-ring quality Low compression set		black	x	-30/+120
NBR 36625	Nitrile-NBR	70°	Standard O-ring quality Low compression set	DVGW part 1	black	x	-30/+120
NBR 36626	NBR	70°	General purpose quality		black	x	-30/+120
NBR 366301	Nitrile-NBR	70°	Standard cord quality		black	x	-30/+115
NBR 366470	Nitrile-NBR	70°	Food-Pharma / Extraction tested	FDA 177.2600	black	x	-30/+120
NBR 32770	Buna-N	70°	Gas applications	NEN 7212 GasTec QA	black	x	-30/+120
NBR 366005	Nitrile-NBR	70°	Automotive	VW 2.8.1-A70	black	x	-30/+120
NBR 366006	Nitrile-NBR	70°	Automotive	VW 2.8.1-C70	black	x	-30/+120
NBR 366008	Nitrile-NBR	70°	Better mechanical properties		black	on request	-40/+120
NBR 366010	Nitrile-NBR	70°	Food-Pharma	FDA 177.2600	grey	x	-30/+120
NBR 366001	Nitrile-NBR	70°	Ozon-resistant		black	x	-30/+100
NBR Quad-ring	Nitrile-NBR	70°	Original Quad-ring		black	on request	-20/+120
NBR X-ring 36624	Nitrile-NBR	70°	ERIKS low compression set		black	x	-30/+120
NBR 366185	Nitrile-NBR	75°	Also as Vulc-O-ring / Low compression set		black	x	-20/+120
NBR 366302	Nitrile-NBR	75°	Food-Pharma / Low compression set / Also as Vulc-O-ring	FDA 177.2600 3A, class II	black	x	-30/+120
NBR 366472	Nitrile-NBR	75°	Food-Pharma / Extraction tested	FDA 177.2600	white	x	-30/+120
NBR 44601	Nitrile-NBR	80°	General purpose quality		black	x	-30/+120
NBR 366480	Nitrile-NBR	80°	Food-Pharma	FDA 177.2600	black	x	-30/+120
NBR 47702	Nitrile-NBR	90°	Standard O-ring quality Low compression set		black	x	-30/+120
NBR 366490	Nitrile-NBR	90°	Food-Pharma / Extraction tested	FDA 177.2600	black	x	-30/+120
NBR 366303	Nitrile-NBR	90°	Also as Vulc-O-ring		black	x	-20/+120
NBR 366003	Nitrile-NBR	90°	Ozon-resistant		black	on request	-30/+100
NBR specials	Nitrile-NBR	40° to 95°	Different applications		all colours	on request	

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HNBR 88625	HNBR	70°	General purpose low compression set		black	x	-30/+150
HNBR 886006	HNBR	70°	General purpose		yellow	on request	-30/+150
HNBR 886008	HNBR	70°	Automotive	VW 2.8.1-R134	green	on request	-30/+150
HNBR 886172	HNBR	70°	Food-Pharma / Extraction tested	FDA 177.2600	black	x	-30/+150
HNBR 886301	HNBR	75°	Low compression set O-ring Also as Vulc-O-ring		black	x	-30/+150
X-NBR 886390	X-NBR	75°	Low compression set O-ring Also as Vulc-O-ring		black	x	-23/+100
EPDM 55501	EPDM	50°	Food-Pharma Good ozone resistance	FDA 177.2600	black	x	-50/+130
EPDM 55502	EPDM	50°	Peroxide cured Good ozone resistance		black	x	-50/+150
EPDM 55914	EPDM	70°	Sulphur cured general purpose O-ring quality		black	x	-50/+130
EPDM 55914 PC	EPDM	70°	Peroxide cured general purpose O-ring quality		black	x	-55/+150
EPDM 55641	EPDM	70°	Food-Pharma Good compression set	FDA 177.2600	black	x	-55/+150
EPDM 559002	EPDM	70°	Better steam resistance (resin cured)		black	x	-30/+180
EPDM 55940	EPDM	70°	Good compression set	KTW	black	x	-55/+150
EPDM 55950	EPDM	70°	Good compression set	WRC	black	x	-55/+150
EPDM 559301	EPDM	70°	Standard cord quality		white	x	-35/+120
EPDM 559013	EPDM	70°	Automotive	VW 2.8.1-G70	black	on request	-55/+150
EPDM 559270 FDA	EPDM	70°	Food-Pharma industry / Extraction tested	FDA 177.2600	black	x	-55/+150
EPDM 559272 FDA	EPDM	70°	Food-Pharma industry / Extraction tested	FDA 177.2600	white	x	-55/+150
EPDM 559273 FDA	EPDM	70°	Food-Pharma industry / Extraction tested	FDA 177.2600 USP XXV class VI	black	x	-40/+150

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EPDM 559425	EPDM	70°	For high temperatures/ Perfect thermocycling resistance in hot water		black	x	-55/+155
EPDM 55111	EPDM	70°	Food-Pharma industry potable water	FDA, KTW, KIWA DVGW, NSF, WRC, ACS	black	x	-55/+150
EPDM 55925	EPDM	70°	Low temperature resist./ Peroxide cured		purple	x	-55/+150
EPDM 559274	EPDM	70°	Food-Pharma industry / Extraction tested	FDA-USP XXV, class VI	white	x	-40/+150
EPDM 559187 FDA	EPDM	75°	Food-Pharma / Extraction tested	FDA 177.2600	black	x	-40/+140
EPDM 559303	EPDM	75°	Also as Vulc-O-ring		black	x	-50/+130
EPDM 559304	EPDM	75°	For extreme conditions optimum lifetime		black	x	-55/+150
EPDM 55920	EPDM	80°	Food-Pharma/ Peroxide cured	FDA 177.2600	black	x	-50/+150
EPDM specials	EPDM	40° to 90°	Different compounds for specific application in different markets		all colours	on request	



Genuine Viton® A 514307	FKM	60°	General purpose Also as Vulc-O-ring		brown	x	-20/+200
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FKM 514308	FKM	70°	Standard cord quality		black	x	-20/+200
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FKM 514625	FKM	70°	Gas applications	DVGW	black	x	-20/+200
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Genuine Viton® GLT 514115	FKM	70°	Original Viton GLT for low temperatures		black	x	-40/+200
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Genuine Viton® A 514670	FKM	70°	Food & Pharma / Extraction tested	FDA 177.2600	black	x	-20/+200
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Genuine Viton® 514642	FKM	70°	Food & Pharma	FDA 177.2600	green	x	-20/+200
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Genuine Viton® A 514672	FKM	70°	Food & Pharma / Extraction tested	FDA 177.2600	white	x	-20/+200
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Genuine Viton® A 514674	FKM	70°	Food & Pharma / Extraction tested	FDA 177.2600	blue	x	-20/+200
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 Genuine Viton® 514270	FKM	70°	Food & Pharma	FDA 177.2600	white	x	-20/+200
 Genuine Viton® X-ring 51414	FKM	70°	Low compression set quality X-Ring		black	x	-20/+200
 Genuine Viton® A 51414 black	FKM	75°	General purpose low compression set		black	x	-20/+200
 Genuine Viton® A 51414 green	FKM	75°	General purpose low compression set		green	x	-20/+200
FKM 514002	FKM	75°	Food & Pharma, beverages Extraction tested	KTW 1.3.13 DVGW W270 FDA 177.2600	green	on request	-20/+200
FKM 514010	FKM	75°	Food & Pharma / Extraction tested	FDA 177.2600 USP class VI	white	x	-20/+200
 Genuine Viton® A 514206	FKM	75°	Low compression set cord and O-ring quality also as Vulc-O-ring		black	x	-20/+200
 Genuine Viton® 514260	FKM	75°	General purpose compound		black	x	-20/+204
 Genuine Viton® A 514302	FKM	75°	Low compression set cord and O-ring quality Also as Vulc-O-ring		brown	x	-20/+200
 Genuine Viton® GF 514141	FKM	75°	Original Viton GF-Terpolymer		black	x	-10/+200
 Genuine Viton® A 514304	FKM	75°	Food & Pharma / Low compression set	FDA 177.2600 3A	white	x	-20/+200
 Genuine Viton® A 514172	FKM	75°	Low compression set / FDA quality	FDA 177.2600	black	x	-20/+200
 Genuine Viton® A 514641	FKM	75°	Low compression set / FDA quality	FDA 177.2600	black	x	-40/+200
 Genuine Viton® A 514306	FKM	75°	Low compression set quality Vulc-O-ring		green	x	-20/+200
 Genuine Viton® GFLT 514712	FKM	75°	Good low temperature and better chemical resistance		black	x	-40/+200
 Genuine Viton® GFLT 514102	FKM	70°	Good low temperature and better chemical resistance	DVGW EN 549	black	x	-40/+200

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 Genuine Viton® A SCVBR	FKM	75°	Semicon industry Extra clear		brown	x	-20/+200
FKM 514676	FKM	75°	Food & Pharma / Extraction tested	FDA 177.2600 USP XXV, class VI	black	x	-20/+200
 Genuine Viton® A 514305	FKM	75°	Food & Pharma / Extraction tested	FDA 177.2600 3A	black	x	-20/+200
 Genuine Viton® GLFT 514017	FKM	75°	Low temperature and better chemical resistance		green	on request	-40/+200
 Genuine Viton® 514301	FKM	80°	Standard compound		black		-20/+200°
 Genuine Viton® B 514021	FKM	80°	For better chemical resistance		black	on request	-20/+200
 Genuine Viton® A 514680	FKM	80°	Food & Pharma / Extraction tested	FDA 177.2600	black	x	-20/+200
 Genuine Viton® Extreme ETP 514016	FKM	80°	Paint and solvent industry Optimal chemical industry		black	x	-20/+200
 Genuine Viton® A 51480	FKM	80°	General purpose		green	x	-20/+200
 Genuine Viton® A 514320	FKM	90°	General purpose Low compression set		black	x	-20/+200
 Genuine Viton® A 514309	FKM	90°	Low compression set Also as Vulc-O-ring		black	x	-20/+200
 Genuine Viton® A 514310	FKM	90°	Low compression set Also as Vulc-O-ring		brown	x	-20/+200
 Genuine Viton® 514162	FKM	90°	Explosive decompression grade		black	x	-15/+200
 Teflex Viton®	FKM FEP/PFA		High performance encapsulated O-ring	FDA 177.2600 USP class VI	black	x	-20/+200
 Genuine Viton® A 514690	FKM	90°	Food & Pharma / Extraction tested	FDA 177.2600	black	x	-20/+200
 Genuine Viton® A 514694	FKM	90°	Food & Pharma / Extraction tested	FDA 177.2600	blue	x	-20/+200
 Genuine Viton®	FKM	50° to 90°	Different compounds for specific applications in different markets		black, green, red brown	on request	

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Silicone 714742	VMQ	40°	Food & Pharma / Extraction tested	FDA 177.2600	white	x	-60/+200
Silicone 714747	VMQ	40°	Food & Pharma / Extraction tested	FDA 177.2600	transl.	x	-60/+200
Silicone 714748	VMQ	40°	Food & Pharma / Extraction tested	FDA 177.2600	red	x	-60/+200
Silicone 714229	VMQ	50°	Low compression set/outgassed		red	x	-60/+220
Silicone 714762	VMQ	60°	Food & Pharma / Extraction tested	FDA 177.2600	white	x	-60/+200
Silicone 714767	VMQ	60°	Food & Pharma / Extraction tested	FDA 177.2600	transl.	x	-60/+200
Silicone 714768	VMQ	60°	Food & Pharma / Extraction tested	FDA 177.2600	red	x	-60/+200
Silicone 714166	VMQ	60°			red	x	-60/+220
Silicone ST-EC-60-001	VMQ	60°	Standard cord quality	FDA 177.2600 USP XXIII, class VI BGVV XVA (BfR)	white	x	-60/+200
Silicone 714177	VMQ	70°	General purpose quality	FDA 177.2600	red	x	-60/+200
Silicone 714003	VMQ	70°	Food & Pharma / Extraction tested	FDA 177.2600	blue	x	-60/+200
Silicone 714001	VMQ	70°	Food & Pharma / Platinum cured / Extraction tested	FDA 177.2600 USP XXIII, class VI BGVV XVA (BfR)	trans- parent	x	-60/+200
Silicone 714625	VMQ	70°	Food & Pharma	FDA 177.2600 DVGW	light red	x	-60/+220
Silicone 714002	VMQ	75°	Food & Pharma / Peroxide cured / Extraction tested	FDA 177.2600 USP XXIII, class VI BGVV XVA (BfR)	trans- parent	x	-60/+200
Silicone 714206	VMQ	75°	Food & Pharma / Peroxidecured / Also as Vulc-O-ring	FDA 177.2600	red	x	-60/+200
Silicone 714006	VMQ	75°	Food & Pharma / Peroxidecured / Also as Vulc-O-ring	FDA 177.2600 3A	red	x	-60/+200
Silicone 714782	VMQ	80°	Food & Pharma / Peroxidecured / Also as Vulc-O-ring	FDA 177.2600	white	x	-60/+200
Silicone 714787	VMQ	80°	Food & Pharma / Peroxidecured / Also as Vulc-O-ring	FDA 177.2600	transl.	x	-60/+200
Silicone 714788	VMQ	80°	Food & Pharma / Peroxidecured / Also as Vulc-O-ring	FDA 177.2600	red	x	-60/+200
Teflex Silicone	VMQ FEP/PFA		High performance encapsulated O-ring	FDA 177.2600 USP class VI	red	x	-60/+260 FEP:+200

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Fluorsilicone 614002	FVMQ	60°	General purpose quality		blue	on request	-50/+220
Fluorsilicone 614001	FVMQ	70°	General purpose quality		blue	on request	-55/+220
Fluorsilicone 614010	FVMQ	80°	Low compression set quality Vulc-O-ring		blue	x	-65/+220
Kalrez® 8002	FFKM	69°	Excellent thermal stability Excellent (low) compress. set		clear	x	250
Kalrez® 6221	FFKM	70°	Food & Pharma / Extraction tested	FDA 177.2600 USP class VI	white	x	260
Kalrez® Sahara™ 8475	FFKM	72°	Very low outgassing Good compression set resist. Semiconductor industry		white	x	300
Kalrez® Sahara™ Plasma comp. 8575	FFKM	74°	Very low outgassing Excellent (low) compress. set Semicon industry		white	x	300
Kalrez® 6230	FFKM	75°	Food & Pharma	FDA 177.2600 USP class VI	black	x	260
Kalrez® Spectrum™ 6375	FFKM	75°	Excell. chemical resistance / High temperature stability		black	x	275
Kalrez® 4079	FFKM	75°	Outstanding hot air aging properties, low compr. set		black	x	315
Kalrez® Spectrum™ 7075	FFKM	75°	Very longer service life Extreme (low) compress. set Excell. chemical resistance		black	x	327
Kalrez® 2037	FFKM	79°	Plasma & semiconductor industry / high purity elastomer		white	x	210
Kalrez® 1050LF	FFKM	82°	General purpose hot water/steam		black	x	280
Kalrez® Sahara™ 8385	FFKM	83°	Very low outgassing Semiconductor industry Good thermal stability		white	x	275
Kalrez® 2035	FFKM	85°	Good general purpose for use in aggressive environments		black	x	210
Kalrez® 3018	FFKM	91°	For use in the oil field and process industries		black	x	280