



BEVEL SEAT GASKETS – 40BS

SIZE	GASKET O.D.	GASKET I.D.	EPDM (BLACK)	PTFE (WHITE)	FKM (BLACK)	BUNA (BLACK)	SILICONE (CLEAR)
1"	1.31	0.87	BF40S-E-1	BF40S-T-1	BF40S-V-1	BF40S-B-1	BF40S-X-1
1-1/2"	1.85	1.37	BF40S-E-15	BF40S-T-15	BF40S-V-15	BF40S-B-15	BF40S-X-15
2"	2.38	1.87	BF40S-E-2	BF40S-T-2	BF40S-V-2	BF40S-B-2	BF40S-X-2
2-1/2"	2.91	2.37	BF40S-E-25	BF40S-T-25	BF40S-V-25	BF40S-B-25	BF40S-X-25
3"	3.44	2.87	BF40S-E-3	BF40S-T-3	BF40S-V-3	BF40S-B-3	BF40S-X-3
4"	4.51	3.83	BF40S-E-4	BF40S-T-4	BF40S-V-4	BF40S-B-4	BF40S-X-4

Buna (Nitrile) gaskets are the most popular and economic and are common in food and beverage applications. They have good resistance to oils and animal fats, and good resistance to moderately aggressive chemicals.

EPDM gaskets are also very popular, economic gaskets, and are common in food and beverage, pharmaceutical and cosmetic/personal care applications. They exhibit higher chemical and heat resistance than Buna but are acceptable for steam only intermittently and at lower pressures. They can experience swelling and deformation when exposed to certain oils and animal fats.

FKM (Viton®) gaskets exhibit good all-around characteristics, with good oil, alcohol and acid resistance, and a slightly higher heat and steam tolerance than EPDM.

PTFE (Teflon®) gaskets exhibit exceptional chemical resistance, and extremely high tolerances to heat and steam. However, they're a plastic as opposed to an elastomer, and therefore not as compressible as other gasket materials, which can lead to difficulty in sealing if misaligned. They can experience cold flow, especially if clamps are misaligned or overtightened, resulting in a reduction in sealing pressure.

Silicone gaskets exhibit the widest temperature range. They're often used in place of PTFE gaskets in fluid or steam applications when greater compressibility and leak resistance is required.



GASKET MATERIALS INFORMATION AND COLOR CODING

MATERIAL	PART # ID	COLOR	COLOR CODE	USEFUL TEMPERATURE
BUNA	U	BLACK	ONE OR THREE RED DOTS	-25°F to 225°F
BUNA	UW	WHITE	ONE RED DOT	-25°F to 225°F
EPDM SULFUR CURED	E	BLACK	ONE GREEN DOT	-40°F to 275°F
EPDM PEROXIDE CURED	E	BLACK	THREE GREEN DOTS	-40°F to 275°F
FKM	SFY	BLACK / BROWN	ONE WHITE ONE YELLOW	-15°F to 375°F
FKM	WSFY	WHITE	ONE YELLOW	-15°F to 375°F
SILICONE PEROXIDE CURED	XW	WHITE	ONE PINK DOT	-50°F to 400°F
SILICONE PLATINUM CURED	X	CLEAR	NO DOT	-50°F to 400°F
PTFE	G	WHITE	NO DOT	-10°F to 300°F
PTFE WITH 50% 316 PARTICLES	GTS	SILVER	NO DOT	-20°F to 450°F

Part Number Cross Reference

Wayland	Alfa Laval	Dixon	Topline	Sanitary Solutions
40BS-B	40BS-B	40BS-B	40BS-B	40BS-B