



CGS™ is committed to the quality of the materials we offer. We are dedicated to a high level of consistency. **BUNA-N, EPDM, FKM, PTFE, Peroxide Cured Silicone, Platinum Cured Silicone, Flex Ti™ Flexi-Steel™, and MDXD™.** Also, we have a quality assurance program. We have a training program that provides our customers with assurance. We live in an atmosphere of IQ, PQ, validation, and CGMP. This is the language we speak and the quality that goes with all these materials. CGS™ materials are compliant with FDA, USDA and USP Class VI.

**Material** - BUNA-N, EPDM, FKM, PTFE, Platinum Cured Silicone, Peroxide Cured Silicone, Flex Ti™, Flexi-Steel™, and MDXD™

## Sanitary Gasket Materials General Quick Check

Quick Check	BUNA-N	EPDM	FKM	Platinum Silicone	Platinum Silicone	PTFE	Flexi-Steel™
Letter Designation	U	EPDM	SFY	PX	PX	G	FS
Sanitary Gasket Color Code Dot	RED	Green	Yellow & White	Pink	Pink	Remains White	Remains Grey
Max Temperature	255Deg F	300Deg F	450Deg F	450Deg F	450Deg F	500Deg F	550Deg F
Max Temperature Continuous	210Deg F	260Deg F	380Deg F	450Deg F	450Deg F	400Deg F	526Deg F
Minimum Temperature	-30	-65	-10	-40	-40	-320	-320
Animal Derived Ingredient Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FDA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USP Class VI	No	Yes	Yes	Yes	Yes	Yes	Yes
Come in Metal Detectable Type MDXD	Yes	Yes	Yes	Yes (Blue)	No	Yes (Blue)	Yes (Grey & Blue)
Steam in Place Performance	Very Poor	Good	Good	Good	Good	Good	Excellent
Clean In Place Limited High Temperature	Poor	Good	Good	Good	Good	Excellent	Excellent
Acids, Dilute	Good	Good	Excellent	Good	Good	Excellent	Excellent
Alkalies	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Alcohol, Glycols	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Animal Oils & Fats	Excellent	Fair	Excellent	Good	Good	Excellent	Excellent
Soaps, Bleaches, Detergents	Fair/Good /Ambient Temperature	Excellent	Good	Fair	Fair	Excellent	Excellent
Vegetable Oil	Excellent	Fair	Excellent	Excellent	Excellent	Excellent	Excellent
Water	Good	Excellent	Excellent	Good	Good	Excellent	Excellent

Material	Color	Temperature	Compliance	ADI	Durometer
EPDM	Black	-65F to 300F	FDA USP. Class VI.	ADI	A70-A75
EPDM	White	-65F to 300F	FDA	ADI	A70-A75
EPDM	Blue	-65F to 300F	FDA USP. Class VI.	ADI	A70-A75
FKM	Black	-10F to 450F	FDA USP. Class VI.	ADI	A72-A75
FKM	White	-10F to 450F	FDA	ADI	A72-A75
FKM	Blue	-10F to 450F	FDA USP. Class VI.	ADI	A72-A75
BUNA-N	Black	-30F to 255F	FDA	N/A	A70-A75
BUNA-N	White	-30F to 255F	FDA	N/A	A70-A75
BUNA-N	Blue	-30F to 255F	FDA	N/A	A70-A75
PTFE	White	-320F to 500F	FDA USP. Class VI.	ADI	D55
PTFE	Blue	-320F to 500F	FDA USP. Class VI.	ADI	D55
Peroxide Cured Silicone	Clear	-40F to 450F	FDA USP. Class VI.	ADI	A70 to A75
Platinum Cured Silicone	Clear	-40F to 450F	FDA USP. Class VI.	ADI	A70 to A75
Peroxide Cured Silicone	White	-40F to 450F	FDA USP. Class VI.	ADI	A70 to A75
Platinum Cured Silicone	White	-40F to 450F	FD	ADI	A70 to A75
Flexi-Steel™	Gray	-320F to 550F	FDA USP. Class VI.	ADI	D68
Flexi-Steel™ Magnetic	Gray	-320F to 550F	FDA USP. Class VI.	ADI	D68
Flex-Ti™ Titanium	Metallic Gray	-300F to 550F	FDA USP. Class VI.	ADI	D65