

PTFE – Polytetrafluoroethylene Fluoropolymer material have been a standard in the industry. It has excellent performance properties in almost all conditions. It has very good to excellent resistance to heat, steam, abrasion, acid, petroleum oil and vegetable oil. Good Electrical Properties and does not age. This has the lowest coefficient of friction properties. Rated at -320°F to 500°F. PTFE is a material that can Cold Flow. When cycled through heat and then cooled down in process lines, PTFE gaskets may not return to the original configuration and it can continue to compress as the cycling continues. This can allow leakage if clamp torques are not maintained. Colors are White and Blue. This has FDA, USP class VI Compliance.

Material - PTFE

PTFE Products

- Sanitary Clamp Type I Gaskets
- Sanitary Clamp Slit ID Type I Gaskets
- Bevel Seat Gaskets
- Schedule 5 Sanitary Clamp Gaskets
- Q-Line Sanitary Gaskets
- John Perry Clamp Gaskets
- ANSI Flange Gaskets
- DIN ISO Sanitary Clamp Metric Gaskets
- Envelope Type III Clamp Gasket
- Envelope Flanged Type III Clamp Gasket
- Pure White Enhanced Sanitary Gaskets
- Security Gauge Segregator™ Gaskets
- Security Screen Gaskets
- Orifice Plate Sanitary Gaskets
- Orifice Plate Sanitary Gaskets Vertical
- MDXD™ Enhanced Security Gaskets
- O-Rings Sanitary – AS568 Standard
- Steam Stopper™ Gaskets Orifice Plate Steam Traps
- uniFlex™ Sanitary Gaskets

Sanitary Gasket Materials General Quick Check

Quick Check	PTFE
Letter Designation	G
Sanitary Gasket Color Code Dot	Remains White
Max Temperature	500Deg F
Max Temperature Continuous	400Deg F
Minimum Temperature	-320
Animal Derived Ingrediant Free	Yes
FDA	Yes
USP Class VI	Yes
Come in Metal Detectable Type MDXD	Yes (Blue)
Steam in Place Performance	Good
Clean In Place Limited High Temperture	Excellent
Acids, Dilute	Excellent
Alkalies	Excellent
Alcohol, Glycols	Excellent
Animal Oils & Fats	Excellent
Soaps, Bleaches, Detergents	Excellent
Vegetable Oil	Excellent
Water	Excellent

Material	Color	Temperature	Compliance	ADI	Durometer
PTFE	White	-320F to 500F	FDA USP. Class VI.	ADI	D55
PTFE	Blue	-320F to 500F	FDA USP. Class VI.	ADI	D55