

TEFLON / PTFE GASKETS



Polytetra Fluoroethylene gaskets are mainly used in environments in which the gasket material is exposed to aggressive chemicals, such as acids, bases and solvents.

PTFE -based gasket materials are able to withstand significantly more aggressive chemical environments (including highly oxidizing environments) than standard non-asbestos gasket materials. However their temperature, pressure and mechanical performance is inferior to standard non-asbestos gasket materials. Metal inserted and expanded PTFE are able to operate at higher pressures.

PTFE is principally used as a gasket material because of it's capability to remain unaffected by the majority of chemicals used in industry. It is also classified, in most cases, as a food grade material, making it acceptable to both medical and food production industries. There are three basic types of PTFE gasket materials. Virgin PTFE , filled PTFE and expanded PTFE.

Type of PTFE Gaskets

- Envelops Gaskets
- Solid Gaskets

Sizes : As per Customer requirement