



Ameri-Ion® EPTFE Gasket Material

Expanded PTFE (Teflon® if made with Dupont resin) sheet is an ideal solution to a very wide range of applications. It's clean, so it's good for Food Grade applications (**FDA approved**). It is also approved for **NSF** and **USDA** applications . Expanded PTFE is soft and conformable. It seals quickly and effectively.

EPTFE overcomes 2 major problems that regular PTFE has as a sealing material. 1) PTFE is hard and requires a heavy load to creat a seal. (2) Regualr PTFE suffers "Cold Flow" which causes it to loose the seal it has held over time. As a result it takes minimal load to create a seal. EPTFE and PTFE both have a **0-14 ph** range, making them compatible with 99% of chemicals. (Not compatible with molten Alkali and elemental flourine.)

Once one of the most expensive gasket materials, we have been able to reduce the costs by contracting directly with the factory. The result is a reasonably priced material good for most applications. Why stock 10 different gasketing types when one will do ?

- Sheet sizes 59" x 59"
- Thicknesses 1/64", 1/32", 1/16", 1/8", 1/4"
- Applications between **-450 F and +600 F** can be sealed using EPTFE
- Full Vacuum to 2900 PSI
- Easy to cut
- 100 year experation date. - It can be stored indefinitely !

