

# TYPES OF FLUOROPOLYMERS

By Material

## POLYTETRAFLUOROETHYLENE (PTFE)

- Commonly known by the brand name Teflon.
- Notable for its non-reactivity and low friction.

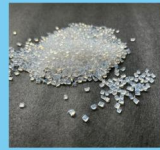


## POLYVINYLIDENE FLUORIDE (PVDF)

It is known for its high purity and resistance to solvents, acids, and bases.

## FLUORINATED ETHYLENE PROPYLENE (FEP)

Similar to PTFE but melt-processable.



## PERFLUOROALKOXY ALKANE (PFA)

Combines properties of PTFE and FEP, with higher temperature resistance.

## ETHYLENE TETRAFLUOROETHYLENE (ETFE)

Notable for its high strength and resistance to radiation.

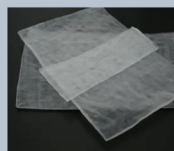


## POLYCHLOROTRIFLUOROETHYLENE (PCTFE)

It is known for its low gas permeability and resistance to chemicals.

## FLUOROELASTOMERS (FKM)

A class of synthetic rubbers designed for high-temperature and harsh chemical environments.



## PERFLUOROELASTOMER S (FFKM)

Provide the highest level of chemical and thermal resistance among elastomers.