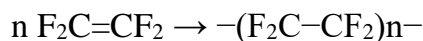




## TEFLON

The chemical compound is produced by tetrafluoroethylene undergoing free radical polymerization. The equation for the process is



### Properties

- Exception chemical resistance
- Good resistance to heat and low temperature
- Good electrical insulating power in hot and wet environments
- Good **resistance to light, UV** and weathering
- Low coefficient of friction
- Strong anti-adhesion properties(prevents **adhesion**.)
- **Flexibility**
- Availability of food, medical and high-purity grades
- Low water absorption

One of the common applications of this polymer is non-stick coating in kitchen cookware (pans, baking trays etc.), hence, you can easily find this in your kitchen.

Apart from used in the kitchen, PTFE is used as a cost-effective solution for industries ranging from oil & gas, chemical processing, industrial to electrical/electronic and construction sector, etc.

