Question and Answers:-

Q1: What is the availability of Enflo's products?

A: Enflo stocks standard sizes in PTFE sheet, PTFE rod and PTFE tubing. For your specific needs, contact our sales staff for prompt service at the numbers below or with our contact form.

Q2: What is the thickness range of sheet Enflo can make?

A: Enflo can skive sheet .001" thick to .250" in Virgin PTFE and .010" to .250" in reprocessed. We can mold sheet up to 7" thick in Virgin and ENFLON ® (filled) PTFE.

Q3: Can Enflo supply sheet above 48" wide?

A: Yes. Enflo can skive up to 72" wide in thicknesses of .010" to .250" thick.

Q4: How can PTFE stick to another surface?

A: PTFE can stick to another surface by using a chemical process called etching on one side or two sides. The etching is brown in color and when an epoxy is applied to the etched side it will adhere to another surface.

Q5: What is the difference between etched one side and pressure sensitive tape?

A: Etched one side is material prepared for gluing. Pressure sensitive tape is etched material with an adhesive backing paper.

Q6: What is the difference between Virgin and Reprocessed (Mechanical) PTFE?

A: Virgin PTFE has better physical properties and is a good electrical insulator. Virgin PTFE is FDA approved. Reprocessed PTFE is recycled PTFE processed into skived sheet and extruded rod. Both Virgin and reprocessed PTFE are 100% PTFE.

Q7: What chemicals is PTFE resistant to?

A: PTFE materials are essentially chemically inert. They are affected only by molten alkali metals, fluorine and chlorine trifluoride at elevated temperatures and pressures.

Q8: What is the highest temperature PTFE can withstand?

A: The maximum service temperature is 500°F.

Q9: What fills can be added to Virgin PTFE to change its characteristics?

A: 25% Glass fill increases wear resistance. Increase lubricity? Carbon and graphite exhibit good rubbing or sliding characteristics on contact. What fill offers better creep resistance? Bronze fill has better wear and creep resistance than glass fill.

Q10: What is PTFE? What is TEFLON ®?

A: PTFE stands for PolyTetraFluoroEthylene, which is the chemical term for the polymer (CF2)n. Teflon is a registered trademark of DuPont and is used in relation to products manufactured with DuPont's fluoropolymer products. Other manufacturers of PTFE resins and their trademarks are: