

ECTFE Sheet, Rod & Films

Property

Product Name: ECTFE.
Chemical Name and Synonym: Ethylene-ChloroTriFluoroEthylene.

Material Names

ECTFE is sold under a variety of brand names including Symalit[®] , Halar[®]

ECTFE

ECTFE is a copolymer of ethylene and chlorotrifluoroethylene. Made from the toughest of all fluoropolymers, this material has nylon-like durability with excellent mechanical properties, thermal, and chemical resistance with an outstanding ease of processability. In addition, Halar[®] has extremely low permeability to liquids, gases, and vapors. It is resistant to most chemicals (including acids, alkalines, and organic solvents) except hot amines and ketones. These characteristics in addition to a broad service use temperature range have made Halar[®] ECTFE the choice for several applications in the field of corrosion protection in the chemical, pharmaceutical, and microelectronics industries.

ADVANTAGES

Excellent chemical resistance
Very good electrical properties
Very good impact strength
High purity
Machineable, weldable
Extremely resistant to strong bases, organic solvents and acids

APPLICATIONS

High purity piping
Semiconductor storage/chemical tanks
Seals, gaskets
Pump and valve components, seats
Pipes, fittings
Solid and lined pipe
Fire safety componetry

Jiangxi Beluns Plastics Co., Ltd. is a professional manufacturer of high performance plastics, fluoroplastics and general engineering plastics such as plates, bars, films and various special-shaped parts. The raw materials for plastic products can be processed according to the brand type specified by the customer. Extrusion, molding, turning, cnc processing are our main processing types. Products made from each material have different uses. Please contact us to select the appropriate plastic material for processing. Some of the data comes from the Internet, Understand if something is wrong.