



ENMEX ENTERPRISES

Experts in fluoropolymers

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ABOUT US

Genmex Enterprises is an expert in E-PTFE for your industrial sealing needs and surpassing corrosion barriers.

Largest Independent trader of Fluoropolymer raw material resins (PTFE , FEP, PFA, PVDF, ETFE) in India.

Manufacturer and exporter of semi finished and finished fluoropolymer products (PTFE, FEP , PFA) having more than 12 years of experience.

All the products are of standard quality and passed the FDA , ROHS , CE, ISO & SGS certification to meet industry needs and design. We have a good reputation in European, USA, Middle East & Asian markets.

We offer E-PTFE Sheets, Gaskets, Tape, PTFE Semi finished and finished products, PTFE Medical & Lined Products , Fluoropolymer raw materials for industries across India and Asia.

The Company is founded by Mr. Akshat Jain (CEO) B.tech in Mechanical and Automation Engineering bringing Technical knowledge and development of new products in the field of Fluoropolymers.

Backed my Expertise Mr. Balbir Jain (Bali) bringing 35 years of experience in the Field of Fluoropolymers and is the Consultant on the Board of Genmex.

He is an Engineer from MIT , USA and bring new innovation and technology to cater USA and overseas market.

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PTFE FIBER



High-quality PTFE coating ensures PTFE Fabric has non stick (easy release) surface to almost all the chemicals, and heat resistant (continuous working under 260 degrees, maximum 327 degrees), high tensile strength as PTFE combined with fiberglass tightly, and E-glass have mechanical property, so Teflon fabric is widely used in much different application which needs high-performance PTFE Fabric.

PTFE FIBER

1. PTFE YARN



Genmex Enterprises weaving yarn produced by Our Company has good temperature resistance, chemical stability, high tensile strength, low shrinkage and excellent abrasion resistance. Now based on PTFE yarn, our company can process products of various types such as high-performance fabric, scrim, sewing thread, floss, film, cable yarn, etc

APPLICATION

Cement kilns
Coal-fired power stations
Municipal waste to energy plants

2. PTFE SCRIM



Density	500 D	500 D	500 D	500 D
Warp and Weft Density	110×80	128×80	128×100	135×120
Weight	105g/m ²	115g/m ²	125g/m ²	135g/m ²
Operating Temperature	-190~260°C			
Warp Tenacity	≥830	≥970	≥970	≥1020
Weft Tenacity	≥580	≥580	≥750	≥900

Genmex Enterprises Yarn, sliced from PTFE film has been extensively woven into scrim due to its superior textile properties. It serves as scrim for filter materials of high-corrosion fume in the coal-fired power station, cement kiln, and waste incineration power plant. Thus it is renowned as the reinforced structure of filter media. Its superior performance has made it the first choice in the industry.

APPLICATION

Coal-fired power plants
Cement kilns
Municipal waste to energy plants

3. PTFE SEWING THREAD



The Sewing thread is the weakest point for whole filter bag. With a gain of its tensile strength, breaking of sewing thread will be occurred. Otherwise, PTFE sewing thread becomes an anti-aging material with strength due to its superior chemical properties.

APPLICATION

Coal-fired power plants
Cement Kilns
Municipal waste to energy plants

4. PTFE WOVEN FABRIC



Fluorine owns experience for more than 30 year in the R&D and production of PTFE membrane products,dedicated to producing high-quality expanded polytetrafluoroethylene (EPTFE) membrane.The microporous membrane has a biaxially oriented 3D fiber network structure,owns a micron equivalent aperture boasting high efficiency and low resistance. Compared with deep filtration, the filtration of the surface layer of composite PTFE membrane materials can effectively block the dust on the surface of the media.The dust cake can be pulsed off easily due to the smooth surface with lower pressure drop repeated use and longer servive life.EPTFE membrane can be laminated on various filter media of high temperature or normal temperature such a PTFE needle felt,glass fiber wiven fabric,polyester supunbond and so on.It is widely used in waste incineration,coal-fired power plants,cement,carbon black,boiler,biomass power plants.

APPLICATION

- Air filtration
- Gas turbine
- Incineration plant
- Coal-fired power plant

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