

Product Information/Technical Data Sheet

Product Name: PTFE GF

Trade name:	PTFE-GF (Glass Filled)
Designation:	Polytetrafluoroethylene
Type of polymer:	Fluoropolymer
Food compliance FDA	Yes
Colour:	Natural

PTFE GF is the trade name for glass-filled polytetrafluoroethylene (PTFE). Being the most commonly used filler because of its excellent performance under load at both high and low temperatures. Although the wear and friction behaviour is improved with this filler, there is little effect on the electrical properties.

Properties

PTFE - GF have a homogeneous and dense structure. The surface is smooth with a white to light grey appearance. The filler adds to the materials stiffness and surface hardness with improved creep and chemical resistance, making it an excellent choice for bearing, seal and pressure applications.

Applications and Industries

Gaskets Seals, seats, packings Piston, glide and lantern rings Shaft seals	Bearing Pads Electrical insulators Insulators
---	---



Key Features and Benefits

Excellent chemical Lowest co-efficient of friction High operating temperature and stability	Outstanding dielectric properties Slippery non-stick surface Excellent UV resistance
---	--

Delivery Program

Rod – Diameter	6mm – 150mm
Rod – Size	Sizes: 600mm ² & 1200mm ² (Various length)
Sheet - Thickness	3mm – 50mm
Sheet – Size	Sizes: 600mm ² & 1200mm ² (Various length)
Continuously Moulded Tube	Outside Diameter: 1–25mm diameter
Tape/Film	0.25–3mm thick, 1200mm wide Available per linear meter or full rods

Version Date: 01-06-2022