



# TECHNICAL DATA SHEET

## 85% Virgin PTFE, 15% Glass

### PHYSICAL PROPERTIES

Product Code: GF1005

Low Flow Polytetrafluoroethylene (nff)

Test Method	Properties	Units	Typical Value
ASTM 4745-14	Tensile	PSI	2800 min.
ASTM 4745-14	Elongation	%	220 min.
ASTM D2240	Shore Hardness	D	58-63 min.
ASTM D792-08	Specific Gravity	G/CC	2.150-2.250
ASTM D695	Compressive Strength	kgf/cm <sup>2</sup>	65-75
ASTM D648	Continuous Service Temp.	°F	500°F

Glass Fiber is by far the most used filler for PTFE. It is typically blended with PTFE at 5%-40% depending on customer specs. Blending glass with PTFE gives it the ability to lower creep, boost, wear resistance, and give the material an overall higher compressive strength.

The above information, is to the best of our knowledge, true and accurate. No warranty, expressed or implied, is made or intended. The use of this product should be determined by the user based on their appraisal.

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