



PTFE-GY/4000 Technical Datasheet

- PTFE coated glass sewing threads are manufactured from 'E' glass continuous filament yarns and are totally encapsulated in PTFE. This enhances the resistance to contaminate build up and also helps to repel attacks from most acids and alkalis.
- Our PTFE coating is smooth and consistent which allows for maximum performance of the thread and minimises the possibility of kink, strip back and breakage that can be experienced using very high temperature yarns.
- Non-combustible under normal conditions
- Resistant to most chemicals, unaffected by fungi.
- PTFE continuous working temperature **-73°C to +260°C**, E Glass rated to **550°C**.
- Very low coefficient of friction.
- Low moisture absorption.



**260°C /
550°C.**

Applications

- Used to fabricate high temperature textiles, thermal insulation jackets and pads, high temperature gaskets,

Technical Properties

Property	Value
Tex Count	11 TEX x 18
USA Count	450 x 18
Diameter (mm)	0.33mm
Minimum PTFE Content (%)	16%
Nominal Yield (M/Kg)	4000
Strength (kg)	9 kg
Method of Sewing	Machine or Hand
Package	King Spool
Nominal Weight (kg)	0.500 Kgs

Further Information

Material Safety Data Sheet	PTFE E Glass Textiles MSDS
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Disclaimer

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.