

PTFE Coated Fiberglass Core & Cable Filler

W.F. Lake Corp. manufactures it's PTFE coated fiberglass cordage products from the highest quality glass fiber available. Our uniform PTFE coating impregnates and coats the fiberglass bundles improving abrasion resistance and handling while enhancing resistance to most acids and alkalis. In addition, W.F. Lake's cordage will not support flame, will not burn, will not rot or support fungus growth. Available sintered (fully cured) or unsintered (dried and baked, but not fully cured), our state of the art equipment ensures consistent, superior performance from lot- to- lot. Finally, our winding equipment allows for a number of different serving packages to meet your processing needs.

Features

Uniform PTFE Coating
Available Sintered or Unsintered
High Tensile Strength
High Temperature Glass Fiber
Multiple Packages Available

Benefits

Chemical Resistance
High Operating Temperature
Will Not Burn or Support Flame
Will Not Rot or Support Fungus
Unaffected by most fuels, solvents
Unaffected by most acids or alkalis
Thermal Shock Resistance

Product Data

Product Number	12T01-1U	12T01-2U	12T01-3U	12T01-4U
Yarn Style	ECG-37 1/0	ECG-371/5	ECG-37 1/8	ECG-37 1/16
Coating Type	----- PTFE... Sintered or Unsintered -----			
Coating Percentage	12	12	12	12
Yield (feet /lb nom.)	9300	1800	1050	540
Tensile Strength (lbs)	13	60	95	175
Diameter (nom. inches)	0.009	0.026	0.034	0.052
Color	----- Natural /Tan -----			

Operating Temp: -100 deg. to + 550 deg. F (-70 to 287 deg. C)

Serving Package: Yarns available 1 end bulk on reels or precision wound packages

Cure: Available sintered or unsintered **Coating %:** Other percentages available on request.

All values are typical and should not be used for writing specifications.

W.F. Lake Corp.

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Applications:

High Temperature
Wire & Cable

Cable Filler

Strength Member

Woven Into High
Temperature Belting

Important Processing Information.

W.F. Lake Corp. PTFE coated fiberglass and aramid sewing threads are coated during manufacture with sizing's or finishes, including PTFE, to serve as aids in textile processing.

When these products are heated above the continuous operating temperature of PTFE (550 degrees F, 287 degrees C), adequate ventilation and / or personal protective equipment must be used in accordance with site-specific exposure assessment as vapors can be emitted and may be hazardous if inhaled. See Safety Data Sheet or contact W.F. Lake Corp. for more information.



W.F. LAKE

High Performance PTFE & Silicone Coated Products

W.F. Lake Corp. manufactures high performance PTFE and Silicone coated products designed for extreme operating environments. Our non-stick, temperature and chemical resistant materials are uniquely suited for a wide variety of specialized industrial applications in a number of diverse industries. By combining our broad based in-house processing and converting capabilities, we are able to offer you creatively engineered products especially suited to your application. Give us a call to discuss your material needs... we're ready to help!

***We manufacture the industry's widest range of
PTFE Coated Fiberglass products !***



PTFE Coated ...

*Fabrics
Adhesive Tapes
S-2 Glass Fabrics
Kevlar* Fabrics
High Temperature Belting
Braided Draw Cords
Braided Lacing Tapes
Yarns
E-Glass Sewing Thread
S-2 Glass Sewing Thread (1400 deg. F)
Kevlar* Sewing Thread
Quartz Sewing Threads (2000 deg F !!!)
Toll Processing of your materials*

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