

PTFE Coated Fiberglass Yarns

W.F. Lake Corp. manufactures it's PTFE coated fiberglass yarn for high temperature wire & cable applications. They are unaffected by rot, fungus, fuels etc... W.F. Lake's PTFE coated yarns exhibit excellent abrasion resistance, knot strength, increased flex life, reduced glass fiber fray and are available in a wide variety of mil-standard heat resistant colors. Our yarns have been perfected through 40+ years of development and industrial application! In addition, we offer one of the widest variety of serving packages in the industry and have wound up to 10 ends on a single braider bobbin... with the ability to mix colors for each different fiber!

Features

Uniform PTFE Coating
 High Temperature Resistance
 High Strength
 40+ Years of Actual Application
 Excellent Flexibility

Benefits

Electrical Insulation
 Chemical Resistance
 Abrasion Barrier
 Color Fast to Temperature
 Traceability
 Will not rot, burn or support flame

W.F. Lake Corp.

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 Glens Falls, NY 12804
 Customer Service: (800) 428-1162
 Tel: (518) 798-9934
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www.wflake.com



Standards / Specifications:

Mil-STD-1285
 High Temp.: Mil-W-7139
 Munsell ANSI/EIA-359-A
 Mil Std- 104

Applications:

- Braiding Solid Color
 Insulation Over Wire
- Tracers / Markers for high
 temperature wire / cable.
- Braided Lacing Tapes
- Braided Tie Cords
- Wrapping Coils
- Serving on Magnet Wire
- Strength Members for Cable
- Filler Cord for Round Cable
- Reinforcing High Temp Hose

Product Data

Part #	Raw Glass Style	Yield Yds/lb	Approx. Build (in.)	Approx. Yarn Dia.	Tensile (lbs)
12TXX-021	150 3/2	2,140	0.0112	0.0189	20.1
12TXX-032	150 2/2	3,200	0.0090	0.0153	13.9
12TXX-043	150 1/3	4,260	0.0077	0.0133	8.9
12TXX-064	150 1/2	6,450	0.0063	0.0109	6.3
12TXX-096	225 1/2	9,600	0.0052	0.0088	5.8
12TXX-190	450 1/2	19,300	0.0036	0.0063	2.7
12TXX-390	900 1/2	38,900	0.0026	0.0045	1.2
15TXX-021	150 3/2	2,065	0.0015	0.0194	20.1
15TXX-032	150 2/2	3,100	0.0092	0.0158	13.9
15TXX-043	150 1/3	4,150	0.0079	0.0137	8.9
15TXX-064	150 1/2	6,200	0.0064	0.0112	6.3
15TXX-096	225 1/2	9,300	0.0053	0.0091	5.8
15TXX-190	450 1/2	18,700	0.0037	0.0064	2.7
15TXX-390	900 1/2	37,500	0.0027	0.0046	1.2

Elongation of fiberglass yarn is typically less than 5%.

Operating Temperature: Min -400 to Max 600 deg F. Intermittent to 1000 deg.F.

Packages Available include single or multiple end braider bobbins or bulk form.

Colors include white, black, blue, brown, gray, green, orange, red and yellow.

Values shown are typical and should not be used for writing specifications. All data is subject to change without notice.



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 !!!)*

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