

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
 Available in Heat Resistant Colors

Benefits

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

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www.wflake.com



Standards / Specifications:

Mil-STD-1285
 High Temp.: Mil-W-7139
 ANSI/EIA-359-A
 Munsell Colors / Mil Std- 104
 MIL-W-16878/4A
 AS22759 / MIL-W-22759

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.

White, "Type T" Fluorglas Yarns remain white after intermittent exposure 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, violet/purple, yellow

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

RoHS
Compliant



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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