

Solid Color Fiberglass Yarns

W.F. Lake Corp. manufactures its solid color fiberglass yarn for high temperature wire & cable applications. They are unaffected by rot, fungus, fuels, etc... W.F. Lake's wire and cable braiding yarns exhibit excellent abrasion resistance and are available in a wide variety of mil-standard heat resistant colors. We have been producing coated yarns for wire & cable applications for over 40 years and apply this knowledge to every product we make! We can wind up to 10 ends of one or various colors onto each package! In addition, our product is traceable right down to the individual braider package so you never have to wonder what lot number that bobbin came from!

Features

Uniform, Consistent Color
 Non-Combustible
 Non-Hazardous
 RoHS Compliant
 High Strength
 Complete Traceability

Benefits

High Temperature Electrical Insulation
 Chemical Resistance (Acids, Bases, Solvents)
 Abrasion Resistance
 Will not rot, burn or support flame
 Reduced Fray Vs. Uncoated Glass

Product Data

Part #	Raw Glass Style	Yield Yds/lb	Approx. Yarn Dia.	Tensile (lbs)	Operating Temperature
SCE-75 1/0	75 1/0	7,050	0.0106	5.5	900 F / 482 C
SCE-150 1/0	150 1/0	14,000	0.0080	3.9	900 F / 482 C
SCE-225 1/0	225 1/0	21,000	0.0065	2.5	900 F / 482 C
SCE-450 1/0	450 1/0	42,000	0.0048	1.2	900 F / 482 C
SCE-150 3/2	150 3/2	2,300	0.0210	15.5	900 F / 482 C
SCE-150 2/2	150 2/2	3,400	0.0150	10.2	900 F / 482 C
SCE-150 1/3	150 1/3	4,600	0.0130	7.0	900 F / 482 C
SCE-150 1/2	150 1/2	7,050	0.0118	6.0	900 F / 482 C
SCE-225 1/2	225 1/2	10,500	0.0094	4.6	900 F / 482 C
SCE-450 1/2	450 1/2	21,000	0.0074	2.5	900 F / 482 C
SCE-900 1/2	900 1/2	41,500	0.0049	0.9	900 F / 482 C
SCS-75 1/0	75 1/0	7,050	0.0076	5.5	1300 F / 704 C
SCS-150 1/0	150 1/0	14,000	0.0055	4.0	1300 F / 704 C

Elongation of fiberglass yarn is typically less than 5%.

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.

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Standards / Specifications:

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

Applications:

Solid Color Braiding Insulation Over Thermocouple Wire

Color Coded Tracers / Markers for high temperature wire / cable.

ROHS Compliant Color Braid

Reinforcing High Temp Hose

Flame Retardant Overbraid

Resists Acids, Bases, Solvents

Flexible Abrasion Barrier



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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