WCW · WAHCHANGWEI · SINCE 2002

Product Catalog — Insulation Sleeving & Fluid Tubing

Shenzhen Wahchangwei Industrial Co., Ltd. Manufacturer of high-temperature electrical insulation sleeving and fluid tubing for motors, transformers, EV harnesses and industrial equipment.

UL 1441 · E233803 / E233804 | UL UZFT2 / CUL UZFT8 | IATF 16949 | 7 product series | Exported to 60+ countries

Series Overview

SERIES	PRODUCT	OPERATING TEMPERATURE	DIELECTRIC	UL FILE / RECOGNITION
SGS	Silicone fiberglass sleeving (silicone resin coated)	−60 ~ +200 °C (−76 ~ 392 °F)	1500–7000 V avg · up to 50 kV stacked	UL 1441 · E233804 / E233803 · UL VW-1
SRS	Silicone rubber fiberglass sleeving — inside fiber / outside rubber	−60 ~ +200 °C (−76 ~ 392 °F)	4000 / 7000 V avg	UL 1441 · E233803 · UL VW-1
GS	Silicone rubber fiberglass sleeving — inside rubber / outside fiber	−60 ~ +200 °C (−76 ~ 392 °F)	7000 V avg (6000 V min)	UL 1441 · E233804 (GS-WCW-70) · UL VW-1
ARG	Acrylic fiberglass sleeving	−60 ~ +155 °C (−76 ~ 311 °F)	1500–7000 V avg	UL 1441 · E233803 · UL UZFT2 / CUL UZFT8
PSR	Platinum-cured pure silicone tubing	−60 ~ +200 °C (−76 ~ 392 °F)	4000–10000 V	FDA / LFGB on request
PET	Expandable PET braided sleeving	−60 ~ +155 °C (−76 ~ 311 °F)	Insulation support · abrasion protection	Flame-retardant grade
TGS-1W-600C	High-temperature special fiberglass sleeving	−60 ~ +600 °C (−76 ~ 1112 °F)	300–700 V	UL VW-1

Ratings are per-product values from the respective datasheets; final certification scope follows the recognized construction and official certificate for each ordered type.

Certifications & Compliance

UL / CUL 1441 · E233803 | UL / CUL 1441 · E233804 | UL UZFT2 / CUL UZFT8 | ISO 9001:2015

IATF 16949:2016 | ISO 14001 | ISO 45001 | RoHS 2.0 / REACH support

Contents — Individual Datasheets

1 · SGS — Silicone fiberglass sleeving datasheet

2 · SRS — Silicone rubber fiberglass sleeving (fiber/rubber)

3 · GSG3 — Silicone rubber fiberglass sleeving (rubber/fiber)

4 · ARG — Acrylic fiberglass sleeving datasheet

5 · PSR — Platinum-cured silicone tubing datasheet

6 · PET — Expandable braided sleeving datasheet

7 · TGS-1W-600C — High-temperature sleeving datasheet

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Shenzhen Wahchangwei Industrial Co., Ltd.

Email: wcw-sz@szwcw.com · Tel / WhatsApp: +86 150 1354 6673

No.25 Langbei Village, 6th Industry Area, Tongde Community, Baolong Street, Longgang, Shenzhen 518116, China

wcwsz.cn

Sales contact: Liming Wu (Andy) · Sales Manager

Rev. 2026-10

WCW® WAHCHANGWEI

DS-SGS-2026-01
Rev. 2026-10
UL File No. E233804 / E233803

Silicone Fiberglass Sleeving — Grade SGS

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

> **Construction:** braided from alkali-free (E) fiberglass yarn, then coated with silicone resin through a specialized bonding process. Available in all standard sizes, colors and voltage classes; custom constructions such as an added outer PET or fiberglass braid on request.

1 · Ratings & UL Recognition

MODEL / UL FILE NO.	TEST STD.	FLAME	TEMP. RATING	DIELECTRIC CLASS	AVG. WITHSTAND	MIN. INDIVIDUAL
SGS-15 · E233804	UL 1441	UL VW-1	−60 °C to +200 °C	D	1500 V	1000 V
SGS-25 · E233804	UL 1441	UL VW-1	−60 °C to +200 °C	C	2500 V	1800 V
SGS-40 · E233804	UL 1441	UL VW-1	−60 °C to +200 °C	B	4000 V	2500 V
SGS-70 · E233803	UL 1441	UL VW-1	−60 °C to +200 °C	A	7000 V	5000 V

Dielectric values measured per UL 1441. Class letter per UL 1441 dielectric-withstand classification; “Min. Individual” is the minimum acceptable single-tube reading.

2 · Dimensions

INNER DIAMETER		WALL THICKNESS		
NOMINAL	TOLERANCE	7000 V (CLASS A)	4000 V (CLASS B)	CLASS C & D
0.5 – 2.0 mm	+0.20 / −0.00 mm	0.45 ± 0.05 mm	0.40 ± 0.05 mm	0.35 ± 0.05 mm
2.5 – 3.0 mm	+0.25 / −0.00 mm	0.50 ± 0.05 mm	0.40 ± 0.05 mm	0.35 ± 0.05 mm

3.5 – 5.0 mm	+0.35 / −0.00 mm	0.55 ± 0.05 mm	0.50 ± 0.05 mm	0.42 ± 0.05 mm
6.0 – 9.0 mm	+0.50 / −0.00 mm	0.60 ± 0.05 mm	0.55 ± 0.05 mm	0.45 ± 0.05 mm
10.0 – 12.0 mm	+0.70 / −0.00 mm	0.65 ± 0.05 mm	0.55 ± 0.05 mm	0.53 ± 0.05 mm
13.0 – 20.0 mm	+0.80 / −0.00 mm	0.70 ± 0.05 mm	0.60 ± 0.05 mm	0.56 ± 0.05 mm
22.0 – 35.0 mm	+0.90 / −0.00 mm	1.05 ± 0.05 mm	1.00 ± 0.05 mm	0.70 ± 0.05 mm

Standard color: white; other colors available on request. Custom cut lengths and custom constructions quoted on request.

3 · Typical Applications

Motors and generators (lead insulation), transformers and coils, automotive harness and EV battery packs, home appliances, specialty lighting, electronic instruments — wherever a flexible, flame-rated, Class-200 dielectric sleeve is required.

4 · Compliance & Documents

UL recognition	UL 1441 — File No. E233804 (SGS-15/25/40), E233803 (SGS-70)
Flame rating	UL VW-1
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

WCW · Shenzhen Wahchangwei Industrial Co., Ltd. — source manufacturer since 2002. UL / CUL certified since 2003, IATF 16949:2016, exporting to 60+ countries.
Your contact: **Liming Wu (Andy)**, Sales Manager · Email wcw-sz@szwcw.com · Tel / WhatsApp +86 150 1354 6673 · HQ: No.25 Langbei Village, 6th Industry Area, Tongde Community, Baolong Street, Longgang, Shenzhen 518116, China.
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DS-SRS-2026-01
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UL File No. E233803

Silicone Rubber Fiberglass Sleeving — Grade SRS

Inside Fiber / Outside Rubber

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction (inside fiber / outside rubber): braided from alkali-free (E) fiberglass yarn, then coated with silicone rubber on the outer surface. Compared with resin-coated constructions, the rubber coating gives superior tear strength and flexibility. Available in all standard sizes, colors and voltage classes; custom constructions such as an added outer PET or fiberglass braid on request.

1 · Ratings & UL Recognition

MODEL / UL FILE NO.	TEST STD.	FLAME	TEMP. RATING	AVG. WITHSTAND	MIN. INDIVIDUAL
SRS-40 · E233803	UL 1441	UL VW-1	−60 °C to +200 °C	4000 V	2500 V
SRS-70 · E233803	UL 1441	UL VW-1	−60 °C to +200 °C	7000 V	5000 V

Dielectric values measured per UL 1441. “Min. Individual” is the minimum acceptable single-tube reading.

2 · Performance Parameters

TEST ITEM	REQUIREMENT / RESULT
Continuous service temperature range	−60 °C to +200 °C
Heat resistance	265 °C ± 2 °C × 168 h — retains more than 1/2 of the original voltage value
Thermal aging	260 °C × 6 h — no cracking
Cold bending	No cracking
Flame rating (UL VW-1 burning time)	< 30 seconds
Hydrolysis stability	No stickiness, no deformation, no softening

3 · Dimensions

INNER DIAMETER		WALL THICKNESS	
NOMINAL	TOLERANCE	4000 V	7000 V
0.5 – 2.0 mm	+0.20 / −0.00 mm	0.40 ± 0.05 mm	0.45 ± 0.05 mm
2.5 – 3.0 mm	+0.25 / −0.00 mm	0.40 ± 0.05 mm	0.50 ± 0.05 mm
3.5 – 5.0 mm	+0.35 / −0.00 mm	0.50 ± 0.05 mm	0.55 ± 0.05 mm
6.0 – 9.0 mm	+0.50 / −0.00 mm	0.55 ± 0.05 mm	0.60 ± 0.05 mm
10.0 – 12.0 mm	+0.70 / −0.00 mm	0.60 ± 0.05 mm	0.65 ± 0.05 mm
13.0 – 20.0 mm	+0.80 / −0.00 mm	0.65 ± 0.05 mm	0.70 ± 0.05 mm
22.0 – 35.0 mm	+0.90 / −0.00 mm	1.00 ± 0.05 mm	1.50 ± 0.05 mm

Standard color: white; other colors available on request. Custom cut lengths and custom constructions quoted on request.

4 · Typical Applications

EV drive motors and generators, marine motors, automotive sensors, transformer and coil lead insulation, home appliances, specialty lighting — wherever a flexible, tear-resistant, flame-rated Class-200 sleeve is required. The rubber-coated surface tolerates repeated flexing and abrasion better than resin-coated grades.

5 · Compliance & Documents

UL recognition	UL 1441 — File No. E233803 (SRS-12 / SRS-15 / SRS-25 / SRS-40). Certificate E233803-2016-05-26 lists these four SRS grades; other SRS sizes are manufactured to the same construction under our quality system.
Flame rating	UL VW-1
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

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WAHCHANGWEI

DS-GSG3-2026-01

Rev. 2026-10

UL 1441 construction — VW-1 flame rating

Silicone Rubber Fiberglass Sleeving — Grade GSG3

Inside Rubber / Outside Fiber

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction (inside rubber / outside fiber): extruded silicone rubber tube, over-braided with alkali-free (E) fiberglass yarn and finished with silicone resin. The soft rubber inner wall fits closely over irregular shapes; the outer fiberglass braid adds abrasion and mechanical protection. Available in all standard sizes, colors and voltage classes; custom constructions on request.

1 · Ratings & UL Recognition

MODEL / UL FILE NO.	TEST STD.	FLAME	TEMP. RATING	AVG. WITHSTAND	MIN. INDIVIDUAL
GS	UL 1441 · E233804	UL VW-1	−60 °C to +200 °C	7000 V	6000 V

Dielectric values measured per UL 1441. “Min. Individual” is the minimum acceptable single-tube reading.

2 · Performance Parameters

TEST ITEM	REQUIREMENT / RESULT
Continuous service temperature range	−60 °C to +200 °C
Heat resistance	265 °C ± 2 °C × 168 h — retains more than 1/2 of the original voltage value
Thermal aging	260 °C × 6 h — no cracking
Cold bending	No cracking
Horizontal burning	< 30 seconds
Flame rating (UL VW-1 burning time)	< 30 seconds
Hydrolysis stability	No stickiness, no deformation, no softening

3 · Dimensions

INNER DIAMETER		WALL THICKNESS
NOMINAL	TOLERANCE	7000 V
1.0 – 2.5 mm	+0.20 / −0.00 mm	0.60 ± 0.05 mm
3.0 – 5.0 mm	+0.30 / −0.00 mm	0.70 ± 0.05 mm
6.0 – 7.0 mm	+0.35 / −0.00 mm	0.75 ± 0.05 mm
8.0 – 9.0 mm	+0.40 / −0.00 mm	0.80 ± 0.05 mm
10.0 – 12.0 mm	+0.50 / −0.00 mm	0.90 ± 0.05 mm
13.0 – 25.0 mm	+0.65 / −0.00 mm	1.30 ± 0.05 mm

Standard color: white; other colors available on request. Custom cut lengths and custom constructions quoted on request.

4 · Typical Applications

Appliance thermostats and heating elements, welding robots and high-temperature automation, high-voltage harnesses, transformer and coil lead insulation, marine and specialty lighting — wherever the lead must be protected mechanically as well as electrically. The braided outer surface resists abrasion in moving or bundled wiring.

5 · Compliance & Documents

UL recognition	UL 1441 — File No. E233804 (Model GS-WCW-70). The inside-rubber / outside-fiber grade is listed as GS-WCW-70 in the Flame Retardant Sleeving category of File E233804. Additional type-test data available on request.
Flame rating	UL VW-1
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

WCW · Shenzhen Wahchangwei Industrial Co., Ltd. — source manufacturer since 2002. UL / CUL certified since 2003, IATF 16949:2016, exporting to 60+ countries.
Your contact: **Liming Wu (Andy)**, Sales Manager · Email wcw-sz@szwcw.com · Tel / WhatsApp +86 150 1354 6673 · HQ: No.25 Langbei Village, 6th Industry Area, Tongde Community, Baolong Street, Longgang, Shenzhen 518116, China.
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WCW® WAHCHANGWEI

DS-ARG-2026-01
Rev. 2026-10
UL File No. E233803

Acrylic Fiberglass Sleeving — ARG SERIES

Acrylic-Coated Fiberglass Braid · 4 Grades

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction: alkali-free (E) fiberglass braid coated with acrylic (polyacrylate) resin and cured. The coating bonds the braid into a smooth, crack-free wall that resists chemical solvents, oils and abrasion, and cuts cleanly without fraying. Among the earliest product series in China certified to UL and CUL — UL category **UZFT2 / CUL UZFT8**, a recognition held by only about ten companies worldwide. Available in all standard sizes and colors; custom constructions on request.

1 · Ratings & UL Recognition

MODEL / UL FILE NO.	TEST STD.	FLAME	TEMP. RATING	VOLTAGE CLASS	AVG. WITHSTAND	MIN. INDIVIDUAL
ARG-WCW-15 · E233803	UL 1441	UL VW-1	−60 °C to +155 °C	D	1500 V	800 V
ARG-WCW-25 · E233803	UL 1441	UL VW-1	−60 °C to +155 °C	C	2500 V	1500 V
ARG-WCW-40 · E233803	UL 1441	UL VW-1	−60 °C to +155 °C	B	4000 V	2500 V
ARG-WCW-1U · E233803	UL 1441	UL VW-1	−60 °C to +155 °C	A	7000 V	5000 V

Dielectric values measured per UL 1441. “Min. Individual” is the minimum acceptable single-tube reading.

2 · Performance Parameters

TEST ITEM	REQUIREMENT / RESULT
Continuous service temperature range	−60 °C to +155 °C
Heat resistance	190 °C ± 2 °C × 168 h — retains more than 1/2 of the original voltage value

Thermal aging	190 °C × 6 h — no cracking
Cold bending	No cracking
Flame rating (UL VW-1 burning time)	< 30 seconds
Oil resistance	Oil-resistant

3 · Dimensions

INNER DIAMETER		MINIMUM WALL THICKNESS	
NOMINAL	TOLERANCE	GRADE A	GRADE B / C / D
0.5 – 2.5 mm	+0.25 / −0.00 mm	0.38 mm	0.20 mm
3.0 – 4.5 mm	+0.30 / −0.00 mm	0.45 mm	0.23 mm
5.0 – 6.0 mm	+0.40 / −0.00 mm	0.45 mm	0.28 mm
7.0 – 9.0 mm	+0.55 / −0.00 mm	0.50 mm	0.32 mm
10.0 – 14.0 mm	+0.75 / −0.00 mm	0.60 mm	0.40 mm
15.0 – 25.0 mm	+0.85 / −0.00 mm	0.64 mm	0.43 mm

Wall thickness values are minimums per UL 1441 by voltage class. Standard colors and custom colors available on request; custom cut lengths quoted on request.

4 · Typical Applications

Transformer and coil lead insulation, inverters, wind generators and compressor motors — anywhere leads run through oil-immersed or solvent-laden environments, where the acrylic coating keeps the dielectric wall stable. The smooth coated braid also suits wiring bundles that need abrasion protection with a tight bend radius.

5 · Compliance & Documents

UL recognition	UL 1441 — File No. E233803, Certificate E233803-2012-03-27 lists ARG-WCW-1U (Grade A) · UL category UZFT2 / CUL UZFT8
Flame rating	UL VW-1

Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

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WAHCHANGWEI

DS-PSR-2026-01
Rev. 2026-10

Pure Silicone Rubber Tubing — Grade PSR

8 Grades · FDA / LFGB

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction: pure silicone rubber tubing, extruded from Japanese, US and German raw materials. Odorless and body-friendly — the first choice wherever the fluid path touches food, drinking water or the human body. PFAS-free options available. Custom colors, hardness and dimensions on request.

1 · Grades & Model Numbers

MODEL	GRADE DESCRIPTION	SINGLE WALL
PSR-T	Translucent	0.5 – 0.7 mm
PSR-Ta	Translucent, thickened	thickened
PSR-HT	High transparency	0.5 – 0.7 mm
PSR-HTa	High transparency, thickened	thickened
PSR-M	Creamy white	0.5 – 0.7 mm
PSR-Ma	Creamy white, thickened	thickened
PSR-MS	Creamy white, flame-retardant	—
PSR-MSa	Creamy white, flame-retardant + thickened	thickened

Suffix “a” = thickened wall version. Wall thicknesses other than the standard 0.5–0.7 mm are quoted on request.

2 · Common Properties (All Grades)

PROPERTY	VALUE
Dielectric strength (pressure)	4000 V – 10000 V
Heat resistance (operating temperature)	−60 °C to +200 °C

Hardness	Shore A 60 – 80
Tensile elongation	≥ 250 %

3 · Typical Applications

Water dispensers and purifiers, coffee machines, steam cleaners and small appliances — anywhere a clear, odorless food-contact fluid path is required. Medical and laboratory equipment: ventilators, oxygen concentrators, dental equipment, beauty devices. The smooth, inert silicone surface keeps the tubing suitable for long-term contact with drinking water and sensitive fluids.

4 · Compliance & Documents

Food contact	FDA / LFGB documentation available on request
Material options	PFAS-free grades available
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC statements; certificate copies for supplier qualification

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DS-PET-2026-01
Rev. 2026-10
Flame retardant

PET Expandable Braided Sleeving

PET Series · Expandable wire and harness bundling sleeve

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction: braided from high-strength eco-friendly PET monofilament. Highly expandable — the sleeve stretches out to slip over connectors, plugs and assembled bundles, then closes back down for a snug fit. Flame retardant, abrasion resistant and heat dissipating; resists aging, UV and mild acid / alkali / salt exposure. This is a mechanical protection and bundling sleeve — the wires inside keep their own electrical insulation. All sizes share one rating: −60 °C to +155 °C. Standard color black; other colors, cut lengths and custom constructions on request.

1 · How to Specify — Model Code

Each model is selected from four parameters, encoded in the ordering code:

PARAMETER	MEANING
A	Number of filaments per braiding segment
B	Single-filament (monofilament) diameter
C	Number of braided strands
D	Flattened width of the sleeve

In the ordering code the leading digits encode the construction parameters A, B and C — four standard constructions per size (120 / 125 / 320 / 325 series) — and the trailing three digits give the size class D. Example: **125024** = 125-series construction, size class 24# (nominal diameter 3–6 mm).

2 · Sizes & Models

SIZE CLASS	120 SERIES	125 SERIES	320 SERIES	325 SERIES
24#	120024 · 3–6 mm	125024 · 3–6 mm	320024 · 4–8 mm	325024 · 4–8 mm
32#	120032 · 4–8 mm	125032 · 4–8 mm	320032 · 5–10 mm	325032 · 5–10 mm
36#	120036 · 5–10 mm	125036 · 5–10 mm	320036 · 6–12 mm	325036 · 6–12 mm

40#	120040 · 6–12 mm	125040 · 6–12 mm	320040 · 7–14 mm	325040 · 7–14 mm
48#	120048 · 7–14 mm	125048 · 7–14 mm	320048 · 8–16 mm	325048 · 8–16 mm
56#	120056 · 8–16 mm	125056 · 8–16 mm	320056 · 10–20 mm	325056 · 10–20 mm
64#	120064 · 9–18 mm	125064 · 9–18 mm	320064 · 12–24 mm	325064 · 12–24 mm
72#	120072 · 10–20 mm	125072 · 10–20 mm	320072 · 15–30 mm	325072 · 15–30 mm
96#	120096 · 12–24 mm	125096 · 12–24 mm	320096 · 20–40 mm	325096 · 25–50 mm
120#	120120 · 15–30 mm	125120 · 15–30 mm	320120 · 30–70 mm	325120 · 35–100 mm

Diameter ranges are nominal (minimum–maximum accommodated bundle diameter). Because the braid is expandable, one size covers a range of bundle diameters and stretches over in-line connectors during assembly.

3 · Ratings & Properties

Material	High-strength eco-friendly PET monofilament braid
Operating temperature	−60 °C to +155 °C (all sizes)
Flammability	Flame retardant, self-extinguishing
Durability	Aging resistant, UV resistant, abrasion resistant, acid / alkali / salt resistant
Function	Mechanical protection and bundling — not an electrical insulator; use over pre-insulated wires and cables
Colors	Standard black; other colors on request

4 · Typical Applications

Wire and cable bundling inside electronic and electrical equipment: automotive harnesses, PC cases, speakers, headlamps, home appliances and control cabinets. The expandable braid installs quickly over assembled harnesses — no need to thread wires through one by one — and keeps bundles tidy while letting heat escape and simplifying later rework. Also used as a covering layer combined with WCW fiberglass and silicone sleeving where a harness passes through hot or abrasive zones.

5 · Compliance & Documents

UL recognition	Not UL-filed — the PET series is specified for mechanical bundling and protection duty; ask us for third-party test reports where required
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

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DS-TGS-2026-01
Rev. 2026-10
Flame rating: UL VW-1

High-Temperature Special Fiberglass Sleeving

Grade TGS-1W-600C · Continuous Duty to +600 °C

Technical datasheet · WCW (Shenzhen Wahchangwei Industrial Co., Ltd.)

Construction: high-temperature fiberglass braid finished with a specialized heat-resistant treatment. Stays flexible and smooth at sustained temperatures where conventional coated sleeving turns brittle, and resists shedding and flaking in hot-air flow. Not intended as a primary electrical insulator — use as mechanical and thermal protection over pre-insulated leads. All sizes share one rating: −60 °C to +600 °C, 300–700 V, UL VW-1. Custom colors and constructions on request.

1 · Ratings & Specifications

INNER DIAMETER	WALL THICKNESS	DIELECTRIC WITHSTAND	HEAT RESISTANCE	FLAME
0.5 – 3.0 mm	0.18 ± 0.05 mm	300 – 700 V	−60 °C to +600 °C	UL VW-1
4.0 – 6.0 mm	0.30 ± 0.05 mm	300 – 700 V	−60 °C to +600 °C	UL VW-1
7.0 – 12.0 mm	0.35 ± 0.05 mm	300 – 700 V	−60 °C to +600 °C	UL VW-1
14.0 – 30.0 mm	0.43 ± 0.05 mm	300 – 700 V	−60 °C to +600 °C	UL VW-1

Ratings apply across the full size range. Wall thickness is nominal ± tolerance as shown.

2 · Typical Applications

Hot-runner systems and manifold zones in plastics processing, smelting and casting equipment, automotive engine bays and exhaust-adjacent harnesses, ovens, air-fryer and heating appliances, continuously hot machinery — anywhere lead protection must survive sustained +600 °C service while the wire inside keeps its own insulation. The smooth braid also slides easily over bundles during assembly.

3 · Compliance & Documents

Flame rating	UL VW-1

UL recognition	Not UL-filed — TGS is specified for thermal protection duty beyond UL temperature class scope; ask us for third-party test reports where required
Quality system	ISO 9001:2015 · IATF 16949:2016 · ISO 14001:2015 · ISO 45001:2018
On request	RoHS, REACH SVHC, halogen-free statements; certificate copies for supplier qualification and PPAP

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