



闽骏®
E-FLEX

Cable Protection Product Catalogue

- One-Stop Cable Management Solutions Specialist
- *Connecting the World · Safeguarding the Future*



ABOUT US

Connecting the World · Safeguarding the Future

Xiamen MJ Industrial Tech Co.,Ltd., founded in 2017, is a high-tech enterprise specializing in the R&D and manufacturing of industrial wire harness connection and protection solutions. Since 2009, MJ has been deeply engaged in the field of cable sleeves, committed to the R&D, production and distribution of a full range of accessories, which can be widely applied to scenarios such as fastening, fixing, installation, connection, insulation, protection and identification of electrical cables and industrial cables.

With superior product quality, continuous innovation capability, sound management system and customer centric service philosophy, MJ can not only provide standardized products, but also custom-develop cable management accessories according to specific industry needs. Its business covers multiple fields including automotive and mass transportation (including aerospace and railway), electric power and household appliances, and renewable energy. It has rapidly developed into a trustworthy supplier in the industry and established long-term and stable cooperative relationships with numerous Fortune 500 enterprises, industry-leading brands, original equipment manufacturers, service providers and distributors worldwide.

Adhering to the mission of "one-stop wire harness protection solutions", MJ provides services to customers in Europe, North America, Southeast Asia and other regions. It has always been focused on exploring new markets and developing new solutions through continuous research and technological innovation, and is committed to becoming the preferred partner of customers in terms of reliable products, high-quality services and technical support. If customers encounter problems in the use of cable sleeves, MJ will provide first-class services and professional advice.



CERTIFICATIONS AND PRODUCT ADVANTAGES

MJ strictly adheres to international standards and has obtained multiple system certifications, including:

ISO 9001 Quality Management System
ISO 14001 Environmental Management System
IATF 16949 Automotive Quality Management System
ISO 13485 Medical Device Quality Management System

Every step from product design to production and quality control is precisely managed to ensure that our products meet the highest global standards.



MAIN PRODUCT CATEGORIES

Our core product portfolio covers a variety of wire and cable protection solutions:

General braided sleeves
Split sleeves
Hydraulic hose protection sleeves
Heavy-duty protection sleeves
Metal and electromagnetic interference shielding sleeves
Insulating sleeves
Special-purpose sleeves
High-temperature resistant sleeves
Heat shrinkable tubes
Wire harness corrugated tubes
Other cable accessories

Our products have obtained multiple international certifications, such as UL, CSA, EN45545 (railway fire safety), RoHS, REACH, and halogen-free certification, complying with strict environmental, safety, and performance standards in global markets. They are widely used in industries such as automotive, industrial equipment, new energy, rail transit, optical fiber, medical, machinery, and electronics.



GLOBAL LAYOUT AND VISION

With the mission of "one-stop wire harness protection solutions", MJ serves customers in Europe, North America, Southeast Asia, and other regions. We are committed to becoming the preferred partner for customers in terms of reliable products, high-quality services, and technical support.

MISSION

Led by innovation: Provide sustainable and cost-effective wire harness solutions

Create shared value: Establish long-term, win-win cooperative relationships with customers and partners

Act responsibly: Advocate green manufacturing and support global sustainable development efforts

Empower the team: Cultivate a culture where employee growth and enterprise development complement each other

Looking forward to the future, Xiamen MJ Industrial Tech Co., Ltd. will continue to deepen technological innovation, expand global cooperation, strive to become a benchmark enterprise in the global wire harness protection industry, and contribute to the progress of the industry.





CERTIFICATE



BRAIDED SLEEVING

- 01 PET Expandable Braided Sleeving
- 02 Colors Expandable Braided Sleeving
- 03 Flame Retardant PET Expandable Braided Sleeving
- 04 Rodent Resistant PET Expandable Braided Sleeving
- 05 Non-Fray PET Expandable Braided Sleeving
- 06 Tight Weaving Expandable Braided Sleeving
- 07 PET Over Expand Braided Sleeving
- 08 PET+PA Expandable Braided Sleeving
- 09 Noise Reduction Braided Sleeving
- 10 Nylon Expandable Braided Sleeving
- 11 Nylon Multifilament Braided Sleeving
- 12 Nylon Flat Filament Braided Sleeving
- 13 PPS Expandable Braided Sleeving
- 14 PEEK Expandable Braided Sleeving

SPLIT SLEEVING

- 15 Semi-Rigid Split Braided Sleeve
- 16 Textile Self Closing Wrap Sleeve
- 17 Impact Resistance Self-Wrapping Sleeve
- 18 Double Layer Wear-Indicating Self Closing Braided Wrap
- 19 Warp Knit Self Wrapping Sleeve
- 20 Polyester Monofilament Self Wrappable Sleeve
- 21 Noise Reduction Self-Closing Braided Wrap Sleeve
- 22 Rodent Resistant Woven Self-Closing Sleeving
- 23 PEEK Self Wrapping Sleeve
- 24 PPS Self Wrapping Sleeve
- 25 Hook & Loop Braided Wrap Sleeving
- 26 Hook & Loop Fast Wrap Sleeve
- 27 Waterproof Hook & Loop Fast Wrap Sleeve
- 28 Nylon & Polyester Wrappable Sleeve
- 29 Zipper Braided Wrap Sleeving
- 30 Zipper Fast Wrap Sleeving

HYDRAULIC HOSE PROTECTIVE SLEEVE

- 31 Nylon Hose Burst Protection Sleeve
- 32 Burst Guard Nylon Hose Sleeve
- 33 Polyester Hydraulic Hose Protection Sleeve
- 34/35 Spiral Hose Guard
- 36 Plane Spiral Hose Guard
- 37 Spiral Wrap
- 38 Zip Spiral Wrapping Band with Clip Tool

WIRE SHIELDING SLEEVING

- 39 Tinned Copper Braided Sleeving
- 40 Copper Foil Braided Sleeving
- 41 Tinned Copper Self-Wrapping Shielding Sleeve
- 42 Hook & Loop Braided Shielding Sleeve
- 43 EMI Shielded Self-Winding Braided Sleeving
- 44 Zipper Braided Shielding Sleeve

SPECIAL SLEEVING

- 45 Carbon Fiber Braided Sleeving
- 46 Kevlar Braided Sleeving
- 47 Nomex Braided Sleeving
- 48 Basalt Fiber Braided Sleeving

HEAT SHRINK TUBING

- 49/50 2:1 Standard Heat Shrink Tubing
- 51/52 2:1 Thin Wall Heat Shrink Tubing
- 53 3:1 Dual Wall Heat Shrink Tubing
- 54 4:1 Dual Wall Heat Shrink Tubing
- 55 Fabric Heat Shrink Tubing
- 56 Non-Slip Textured Heat Shrink Tubing
- 57 Silicone Heat Shrink Tubing
- 58 Silicone Tube
- 59 4:1 Teflon Heat Shrink Tubing
- 60 1.7:1 Teflon Heat Shrink Tubing

FIBERGLASS SLEEVING

- 61 Heat Treated Fiberglass Sleeve
- 62/63 Silicone Coated Fiberglass Sleeve
- 64 Enhanced High Temperature Fiberglass Sleeve
- 65 Fire Sleeve
- 66 Aluminum Foil Coated Thermal Insulation Sleeve
- 67 Aluminum Heat Reflective Fiberglass Self-Closing Wrap

WIRE LOOM TUBING

- 68 PE Non Split Wire Loom Tubing
- 69 PP Non Split Wire Loom Tubing
- 70 PA Non Split Wire Loom Tubing
- 71 PE Split Wire Loom Tubing
- 72 PP Split Wire Loom Tubing
- 73 PA Split Wire Loom Tubing
- 74 Nylon Double Split Wire Loom
- 75 Flexible Metal Conduit with PVC Coating
- 76 Aluminum Foil Wire Loom

CABLE GLAND

- 77 PG-Type Nylon Cable Gland
- 78 PG-L Extended-Type Nylon Cable Gland
- 79 M-Type Nylon Cable Gland
- 80 M-L Extended-Type Nylon Cable Gland
- 81 NPT-Type Nylon Cable Gland
- 82 G-Type Nylon Cable Gland
- 83 PG-M Type Metal Cable Gland
- 84 PG-LM Extended-Type Metal Cable Gland
- 85 M-M Type Metal Cable Gland
- 86 M-LM Extended-Type Metal Cable Gland
- 87 NPT-M Type Metal Cable Gland
- 88 G-M Type Metal Cable Gland
- 89 SM-F Plastic Conduit Connector
- 90 SM Series Hose Quick Connector
- 91 SM-G Series Plastic Hose Waterproof Joint
- 92 BG Series Corrugated Pipe Joint

HOOK & LOOP FASTENER

- 93 Standard Back to Back Hook and Loop
- Plastic Hook Back to Back Hook and Loop
- Self Adhesive Hook and Loop
- Hook and Loop Cable Tie
- Hook and Loop Cinch Strap
- Hook And Loop Strap

PET Expandable Braided Sleeving



Model No.: **BRS-PET**

Material: **PET**

Working Temperature: **-40°C~ +150°C**

Melt Point: **240±10°C**

Flammability: **VW-1**

Abrasion Resistance: **Refer to ISO6722**

Ageing Resistance: **Refer to ISO6722**

Certification: **ROHS, Reach, Halogen Free**

UL File No.: **E533019**

UV Resistant: **Yes**

Standard Color: **Black**

Cutting Tool: **Hot Knife**

Part No	Flat Width(W)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003	1/8"	3	1	6	0.65±0.05	1000
BRS-PET-006	1/4"	6	3	9	0.65±0.05	500
BRS-PET-008	5/16"	8	5	12	0.65±0.05	350
BRS-PET-010	3/8"	10	7	17	0.65±0.05	350
BRS-PET-012	1/2"	12	8	20	0.65±0.05	300
BRS-PET-016	5/8"	16	10	27	0.65±0.05	250
BRS-PET-020	3/4"	20	14	30	0.65±0.05	200
BRS-PET-025	1"	25	18	33	0.65±0.05	200
BRS-PET-032	1-1/4"	32	20	50	0.65±0.05	150
BRS-PET-038	1-1/2"	38	30	60	0.65±0.05	100
BRS-PET-045	1-3/4"	45	35	75	0.65±0.05	100
BRS-PET-050	2"	50	40	80	0.65±0.05	100
BRS-PET-064	2-1/2"	64	45	105	0.65±0.05	50
BRS-PET-076	3"	76	64	120	0.65±0.05	50
BRS-PET-100	4"	100	80	150	0.65±0.05	50

Colors PET Expandable Braided Sleeving



Model No.: BRS-PET-CLR

Material: PET

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

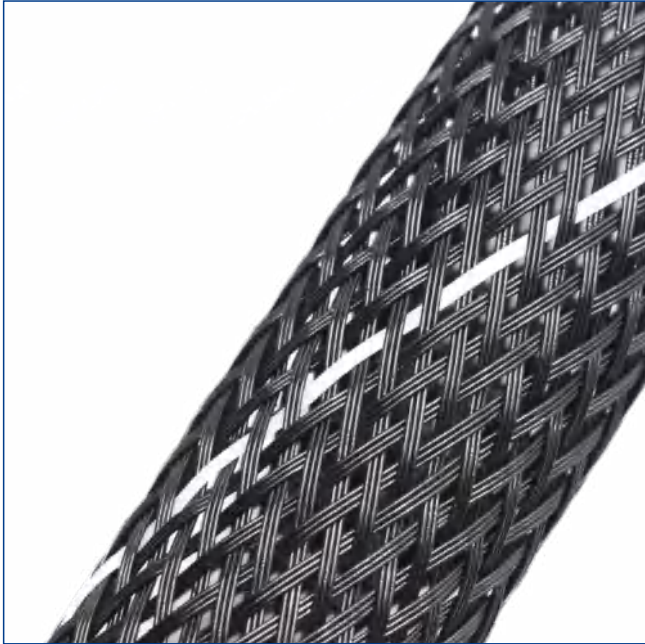
Certification: ROHS, Reach, Halogen Free

Standard Color: Custom Colored

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003	1/8"	3	1	6	0.65±0.05	1000
BRS-PET-006	1/4"	6	3	9	0.65±0.05	500
BRS-PET-008	5/16"	8	5	12	0.65±0.05	350
BRS-PET-010	3/8"	10	7	17	0.65±0.05	350
BRS-PET-012	1/2"	12	8	20	0.65±0.05	300
BRS-PET-016	5/8"	16	10	27	0.65±0.05	250
BRS-PET-020	3/4"	20	14	30	0.65±0.05	200
BRS-PET-025	1"	25	18	33	0.65±0.05	200
BRS-PET-032	1-1/4"	32	20	50	0.65±0.05	150
BRS-PET-038	1-1/2"	38	30	60	0.65±0.05	100
BRS-PET-045	1-3/4"	45	35	75	0.65±0.05	100
BRS-PET-050	2"	50	40	80	0.65±0.05	100
BRS-PET-064	2-1/2"	64	45	105	0.65±0.05	50
BRS-PET-076	3"	76	64	120	0.65±0.05	50
BRS-PET-100	4"	100	80	150	0.65±0.05	50

Flame Retardant PET Expandable Braided Sleeving



Model No.: BRS-PET-FR

Material: PET

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: UL94 V0,EN45545-2

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Certification: ROHS,Reach,Halogen Free

UL File No.: E533019

UV Resistant: Yes

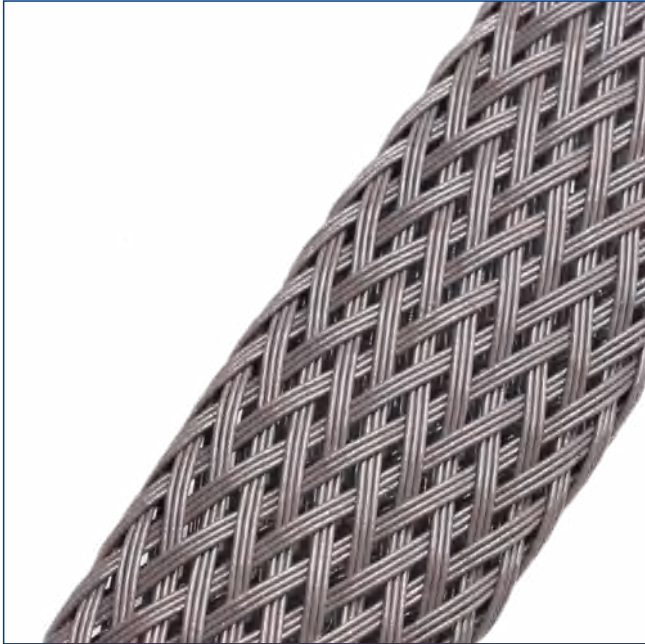
Standard Color: Black,Black with White

Identification line

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003-FR	1/8"	3	1	6	0.65±0.05	1000
BRS-PET-006-FR	1/4"	6	3	9	0.65±0.05	500
BRS-PET-008-FR	5/16"	8	5	12	0.65±0.05	350
BRS-PET-010-FR	3/8"	10	7	17	0.65±0.05	350
BRS-PET-012-FR	1/2"	12	8	20	0.65±0.05	300
BRS-PET-016-FR	5/8"	16	10	27	0.65±0.05	250
BRS-PET-020-FR	3/4"	20	14	30	0.65±0.05	200
BRS-PET-025-FR	1"	25	18	33	0.65±0.05	200
BRS-PET-032-FR	1-1/4"	32	20	50	0.65±0.05	150
BRS-PET-038-FR	1-1/2"	38	30	60	0.65±0.05	100
BRS-PET-045-FR	1-3/4"	45	35	75	0.65±0.05	100
BRS-PET-050-FR	2"	50	40	80	0.65±0.05	100
BRS-PET-064-FR	2-1/2"	64	45	105	0.65±0.05	50
BRS-PET-076-FR	3"	76	64	120	0.65±0.05	50

Rodent Resistant PET Expandable Braided Sleeving



Model No.: **BRS-PET-RR**

Material: **PET**

Monofilament Thickness: **0.01"(0.25mm)**

Working Temperature: **-40°C~ +150°C**

Melt Point: **240±10°C**

Flammability: **VW-1**

Abrasion Resistance: **High**

Certification: **ROHS,Reach,Halogen Free**

UV Resistant: **Yes**

Standard Color: **Dark Brown**

Cutting Tool: **Hot Knife**

Part No	Flat Width(W)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003-RR	1/8"	3	1	6	0.65±0.05	1000
BRS-PET-006-RR	1/4"	6	3	9	0.65±0.05	500
BRS-PET-008-RR	5/16"	8	5	12	0.65±0.05	350
BRS-PET-010-RR	3/8"	10	7	17	0.65±0.05	350
BRS-PET-012-RR	1/2"	12	8	20	0.65±0.05	300
BRS-PET-016-RR	5/8"	16	10	27	0.65±0.05	250
BRS-PET-020-RR	3/4"	20	14	30	0.65±0.05	200
BRS-PET-025-RR	1"	25	18	33	0.65±0.05	200
BRS-PET-032-RR	1-1/4"	32	20	50	0.65±0.05	150
BRS-PET-038-RR	1-1/2"	38	30	60	0.65±0.05	100
BRS-PET-045-RR	1-3/4"	45	35	75	0.65±0.05	100
BRS-PET-050-RR	2"	50	40	80	0.65±0.05	100
BRS-PET-064-RR	2-1/2"	64	45	105	0.65±0.05	50
BRS-PET-076-RR	3"	76	64	120	0.65±0.05	50

Non-Fray PET Expandable Braided Sleeving



Model No.: BRS-PET-CC

Material: PET

Monofilament Thickness: 0.008"(0.20mm)

Working Temperature: -40°C~+150°C

Melt Point: 240±10°C

Flammability: VW-1

Abrasion Resistance: Medium

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Scissor, Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PET-003-CC	1/8"	3	1	6	1000
BRS-PET-006-CC	1/4"	6	3	9	500
BRS-PET-008-CC	5/16"	8	5	12	350
BRS-PET-010-CC	3/8"	10	7	17	350
BRS-PET-012-CC	1/2"	12	8	20	300
BRS-PET-016-CC	5/8"	16	10	27	250
BRS-PET-020-CC	3/4"	20	14	30	200
BRS-PET-025-CC	1"	25	18	33	200
BRS-PET-032-CC	1-1/4"	32	20	50	150
BRS-PET-038-CC	1-1/2"	38	30	60	100
BRS-PET-045-CC	1-3/4"	45	35	75	100
BRS-PET-050-CC	2"	50	40	80	100
BRS-PET-064-CC	2-1/2"	64	45	105	50
BRS-PET-076-CC	3"	76	64	120	50

Tight Weaving Expandable Braided Sleeving



Model No.: **BRS-PET-HD**

Material: **PET**

Monofilament Thickness: **0.01"(0.25mm)**

Working Temperature: **-40°C~ +150°C**

Melt Point: **240±10°C**

Flammability: **VW-1**

Abrasion Resistance: **Refer to ISO6722**

Ageing Resistance: **Refer to ISO6722**

Certification: **ROHS, Reach, Halogen Free**

UV Resistant: **Yes**

Standard Color: **Black**

Cutting Tool: **Hot Knife**

Part No	Size(Flat Width)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003-HD	1/8"	3	2	6	0.85±0.05	800
BRS-PET-006-HD	1/4"	6	4	8	0.85±0.05	400
BRS-PET-008-HD	5/16"	8	6	10	0.85±0.05	300
BRS-PET-010-HD	3/8"	10	8	13	0.85±0.05	300
BRS-PET-012-HD	1/2"	12	9	15	0.85±0.05	250
BRS-PET-016-HD	5/8"	16	11	20	0.85±0.05	200
BRS-PET-020-HD	3/4"	20	12	25	0.85±0.05	150
BRS-PET-025-HD	1"	25	16	30	0.85±0.05	150
BRS-PET-032-HD	1-1/4"	32	25	42	0.85±0.05	100
BRS-PET-038-HD	1-1/2"	38	28	50	0.85±0.05	50
BRS-PET-045-HD	1-3/4"	45	38	65	0.85±0.05	50
BRS-PET-050-HD	2"	50	44	78	0.85±0.05	50
BRS-PET-064-HD	2-1/2"	64	50	88	0.85±0.05	50

PET Over Expand Braided Sleeving



Model No.: BRS-PET-OE

Material: PET

Expansion: Up to 200%

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1

Abrasion Resistance: Medium

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Normal Size		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PET-006-OE	1/4"	6	3	12	500
BRS-PET-008-OE	5/16"	8	6	22	500
BRS-PET-010-OE	3/8"	10	5	25	350
BRS-PET-012-OE	1/2"	12	11	35	300
BRS-PET-019-OE	3/4"	19	12	45	200

PET+PA Expandable Braided Sleeving



Model No.: BRS-PET+PA

Material: PET+PA

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: Combustion rate < 100mm/min per FMVSS302

Low Temperature Resistance: No signs of embrittlement and degradation after test at -40°C for 4h per GMW14327

Heat Ageing Resistance: No signs of embrittlement and degradation after test at 150°C for 504h per GMW14327

Abrasion Resistance: Conform to GMW 14327 class 6 (30000~99999 times) per ISO6722-1

Certification: ROHS, Reach, Halogen Free

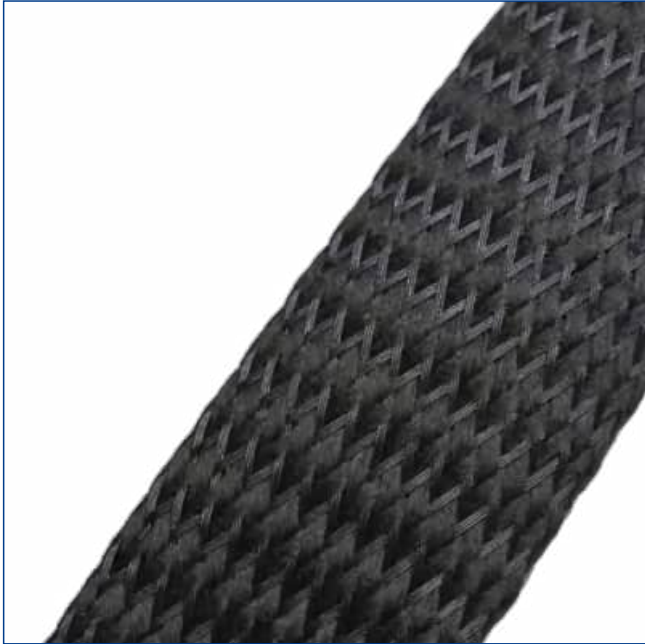
UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PET+PA -006	1/4"	6	5	8	500
BRS-PET+PA -008	5/16"	8	6	12	350
BRS-PET+PA -010	3/8"	10	7	17	350
BRS-PET+PA -012	1/2"	12	8	20	300
BRS-PET+PA -016	5/8"	16	10	23	250
BRS-PET+PA -020	3/4"	20	13	26	200
BRS-PET+PA -025	1"	25	18	33	200
BRS-PET+PA -032	1-1/4"	32	20	50	150
BRS-PET+PA -038	1-1/2"	38	30	60	100
BRS-PET+PA -045	1-3/4"	45	35	75	100
BRS-PET+PA -050	2"	50	40	80	100

Noise Reduction Braided Sleeving



Model No.: BRS-PET-NR

Material: PET Monofilament+Multifilament

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1,FMVSS302

Abrasion Resistance: Medium

Certification: ROHS,Reach,Halogen Free

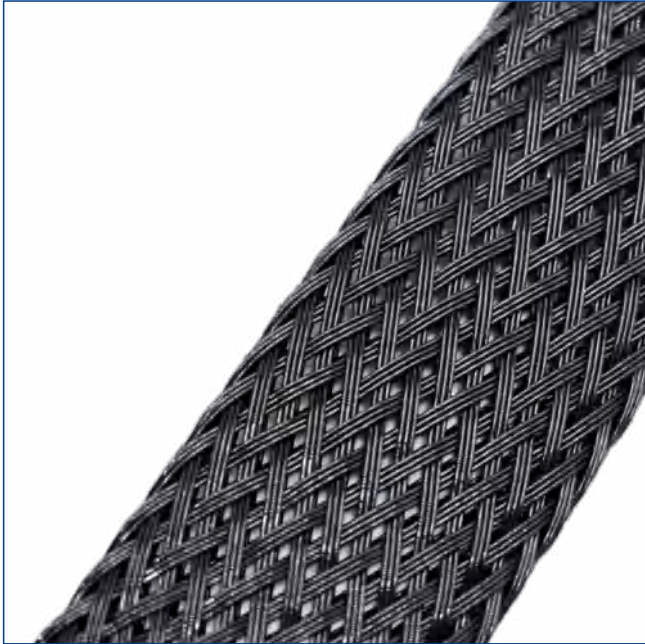
UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)		
BRS-PET-003-NR	1/8"	3	3	5	0.65±0.05	1000
BRS-PET-006-NR	1/4"	6	6	10	0.65±0.05	500
BRS-PET-010-NR	3/8"	10	10	13	0.65±0.05	350
BRS-PET-012-NR	1/2"	12	12	19	0.65±0.05	300
BRS-PET-016-NR	5/8"	16	16	25	0.65±0.05	250
BRS-PET-020-NR	3/4"	20	20	32	0.65±0.05	200
BRS-PET-025-NR	1"	25	25	41	0.65±0.05	200

Nylon Expandable Braided Sleeving



Model No.: BRS-PA66

Material: PA66

Working Temperature: -40°C~ +150°C

Melt Point: 256±10°C

Flammability: Combustion rate<100mm/min per FMVSS302

Low Temperature Resistance: No signs of embrittlement and degradation after test at -40°C for 4h per GMW14327

Heat Ageing Resistance: No signs of embrittlement and degradation after test at 150°C for 504h per GMW14327

Abrasion Resistance: Conform to GMW 14327 class 5 (15000~29999 times) per ISO6722-1

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PA66-003	1/8"	3	1	6	1000
BRS-PA66-006	1/4"	6	3	9	500
BRS-PA66-008	5/16"	8	5	12	350
BRS-PA66-010	3/8"	10	7	17	350
BRS-PA66-012	1/2"	12	8	20	300
BRS-PA66-016	5/8"	16	10	27	250
BRS-PA66-020	3/4"	20	14	30	200
BRS-PA66-025	1"	25	18	33	200
BRS-PA66-032	1-1/4"	32	20	50	150
BRS-PA66-038	1-1/2"	38	30	60	100
BRS-PA66-045	1-3/4"	45	35	75	100
BRS-PA66-050	2"	50	40	80	100
BRS-PA66-064	2-1/2"	64	45	105	50
BRS-PA66-076	3"	76	64	120	50

Nylon Multifilament Braided Sleeving



Model No.: BRS-PAMF

Material: Nylon Multifilament

Working Temperature: -40°C~ +125°C

Melt Point: 220±10°C

Abrasion Resistance: Extremely High

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PAMF-003	1/8"	3	2	4	350
BRS-PAMF-006	1/4"	6	4	7	350
BRS-PAMF-008	5/16"	8	5	9	350
BRS-PAMF-010	3/8"	10	6	11	350
BRS-PAMF-012	1/2"	12	8	13	300
BRS-PAMF-016	5/8"	16	10	17	250
BRS-PAMF-019	3/4"	19	12	20	200
BRS-PAMF-023	8/9"	23	15	24	200
BRS-PAMF-032	1-1/4"	32	20	33	150
BRS-PAMF-038	1-1/2"	38	24	39	100
BRS-PAMF-050	2"	50	32	51	100
BRS-PAMF-063	2-1/2"	63	40	64	100

Nylon Flat Filament Braided Sleeving



Model No.: BRS-PAFF

Material: PA

Working Temperature: -60°C~ +160°C

Melt Point: 256±10°C

Abrasion Resistance: Extremely High

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PAFF-008	5/16"	8±2	6	12	100
BRS-PAFF-012	1/2"	12±2	10	16	100
BRS-PAFF-019	3/4"	19±2	16	25	100
BRS-PAFF-032	1-1/4"	32±3	28	38	50
BRS-PAFF-045	1-3/4"	45±3	38	59	50
BRS-PAFF-050	2"	50±3	44	62	25
BRS-PAFF-064	2-1/2"	64±3	45	75	25

PPS Expandable Braided Sleeving



Model No.: BRS-PPS

Material: PPS

Working Temperature: -70°C~ +200°C

Melt Point: 280±10°C

Flammability: VW-1

Abrasion Resistance: Medium

Certification: ROHS, Reach, Halogen Free

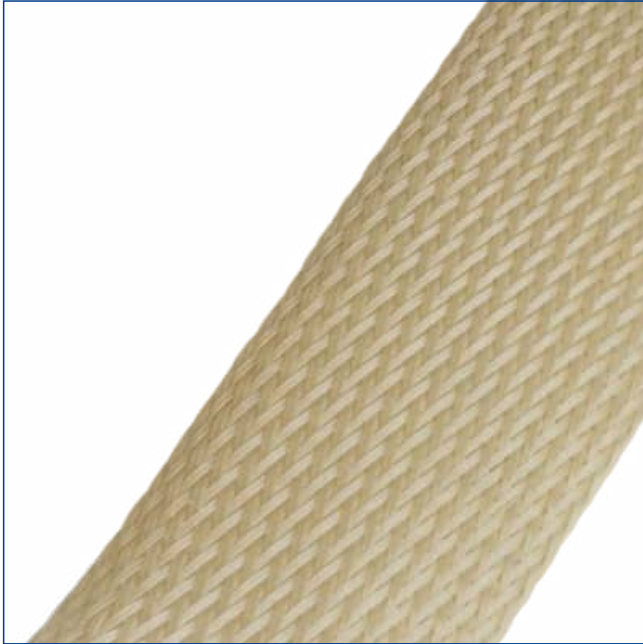
UV Resistant: Yes

Standard Color: Natural-beige, Black

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PPS-003	1/8"	3	1	6	1000
BRS-PPS-006	1/4"	6	3	9	500
BRS-PPS-008	5/16"	8	5	12	350
BRS-PPS-010	3/8"	10	7	17	350
BRS-PPS-012	1/2"	12	8	20	300
BRS-PPS-016	5/8"	16	10	27	250
BRS-PPS-020	3/4"	20	14	30	200
BRS-PPS-025	1"	25	18	33	200
BRS-PPS-032	1-1/4"	32	20	50	150
BRS-PPS-038	1-1/2"	38	30	60	100
BRS-PPS-045	1-3/4"	45	35	75	100
BRS-PPS-050	2"	50	40	80	100
BRS-PPS-064	2-1/2"	64	45	105	50
BRS-PPS-076	3"	76	64	120	50

PEEK Expandable Braided Sleeving



Model No.: BRS-PEEK

Material: PEEK

Working Temperature: -70°C~ +260°C

Melt Point: 334±10°C

Flammability: VW-1

Certification: ROHS, Reach, Halogen Free

Standard Color: Natural-beige

Cutting Tool: Hot Knife

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-PEEK-003	1/8"	3	1	6	1000
BRS-PEEK-006	1/4"	6	3	9	500
BRS-PEEK-008	5/16"	8	5	12	350
BRS-PEEK-010	3/8"	10	7	17	350
BRS-PEEK-012	1/2"	12	8	20	300
BRS-PEEK-016	5/8"	16	10	27	250
BRS-PEEK-020	3/4"	20	14	30	200
BRS-PEEK-025	1"	25	18	33	200
BRS-PEEK-032	1-1/4"	32	20	50	150
BRS-PEEK-038	1-1/2"	38	30	60	100
BRS-PEEK-045	1-3/4"	45	35	75	100
BRS-PEEK-050	2"	50	40	80	100
BRS-PEEK-064	2-1/2"	64	45	105	50
BRS-PEEK-076	3"	76	64	120	50

Semi-Rigid Split Braided Sleeve



Model No.: SBW-PET
 Material: PET Monofilament+Multifilament
 Working Temperature: -40°C~ +150°C
 Melt Point: 240±10°C
 Flammability: UL94 V2,FMVSS302
 Overlap: ≥ 35%
 Abrasion Resistance: Refer to ISO6722
 Ageing Resistance: Refer to ISO6722
 Liquid Resistance: Refer to GMW14327
 Low Temperature Resistance: No crack and degradation after test at -40°C for 4h
 Short-term Aging: No crack and degradation after test at 158°C for 168h
 Certification: ROHS,Reach,Halogen Free
 UL File No: E533019
 UV Resistant: Yes
 Standard Color: Black
 Cutting Tool: Hot Knife

Part No	Nominal Size (mm)	Spread Width (mm)	As-Formed Dimension		Bundle Dia Range (mm)	Packing Length (m/spool)
			ID (mm)	OD (mm)		
SBW-PET-003	Φ3.0	23±3	3±1	4±1	2~4	200
SBW-PET-006	Φ6.0	28±3	6±2	8±2	4~7	200
SBW-PET-008	Φ8.0	45±3	8±2	10±2	6~10	100
SBW-PET-010	Φ10.0	53±3	10±2	12±2	8~11	80
SBW-PET-013	Φ13.0	60±5	13±2	15±2	12~15	50
SBW-PET-016	Φ16.0	76±5	16±2	18±2	15~18	200
SBW-PET-019	Φ19.0	89±5	19±2	21±2	18~22	100
SBW-PET-025	Φ25.0	115±5	25±2	27±2	23~26	50
SBW-PET-029	Φ29.0	127±5	29±2	31±2	28~30	50
SBW-PET-032	Φ32.0	143±5	32±2	34±2	29~34	50
SBW-PET-038	Φ38.0	160±10	38±2	40±2	35~40	25
SBW-PET-050	Φ50.0	205±10	45±2	48±2	46~51	15
SBW-PET-076	Φ76.0	340±10	50±4	52±4	50~79	15

Textile Self Closing Wrap Sleeve



Model No.: STW-PET

Material: PET Multifilament+Monofilament

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1, FMVSS302, EN45545-2

Overlap: ≥ 35%

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach, Halogen Free

UL File No: E533019

Standard Color: Black

UV Resistant: Yes

Cutting Tool: Hot Knife

Part No	ID (mm)	Spread Width (mm)	Bundle Dia Range (mm)		Packing Length (m/spool)
			Min	Max	
STW-PET-003	3	25±3	2	4	100
STW-PET-005	5	30±5	4	6	100
STW-PET-008	8	40±5	6	9	100
STW-PET-010	10	50±5	8	11	100
STW-PET-013	13	60±5	12	14	100
STW-PET-016	16	80±5	15	17	100
STW-PET-019	19	100±5	18	20	50
STW-PET-025	25	125±8	23	26	25
STW-PET-029	29	145±8	27	31	25
STW-PET-032	32	155±8	30	34	25
STW-PET-038	38	190±8	37	40	25
STW-PET-050	50	235±8	48	52	25

Impact Resistance Self-Wrapping Sleeve



Model No.: STW-PET-DL

Material: PET Monofilament+Multifilament

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: FMVSS302,GB8410-2006

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS,Reach,Halogen Free

Standard Color:

Orange + Inner layer warning color black/

Black + Inner layer warning color orange

Cutting Tool: Hot Knife

Part No	ID (mm)	OD (mm)	Spread Width (mm)	Bundle Dia Range (mm)	Overlap (%)
STW-PET-010-DL	10±2	13±2	55±5	8~12	≥35
STW-PET-013-DL	13±2	16±2	65±5	11~15	≥35
STW-PET-016-DL	16±2	19±2	77±5	14~18	≥35
STW-PET-019-DL	19±2	21±2	104±8	17~21	≥35
STW-PET-025-DL	25±2	28±2	125±8	23~27	≥35
STW-PET-038-DL	38±2	39±2	181±8	36~40	≥35

Double Layer Wear-Indicating Self Closing Braided Wrap



Model No.: STW-PET-IR

Material: PET+Polyester Multifilament+NOMEX

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: FMVSS302,GB-8410-2006

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS,Reach,Halogen Free

Standard Color: Black,Orange

UV Resistant: Yes

Cutting Tool: Hot Knife

Part No	ID (mm)	OD (mm)	Spread Width (mm)	Bundle Dia Range (mm)	Overlap (%)
STW-PET-010-IR	10±2	13±2	55±5	8~12	≥35
STW-PET-013-IR	13±2	16±2	65±5	11~15	≥35
STW-PET-016-IR	16±2	19±2	77±5	14~18	≥35
STW-PET-019-IR	19±2	21±2	104±8	17~21	≥35
STW-PET-025-IR	25±2	28±2	125±8	23~27	≥35
STW-PET-038-IR	36±2	39±2	181±8	36~40	≥35

Warp Knit Self Wrapping Sleeve



Model No.: STW-PET-W

Material: PET Monofilament+Multifilament

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1, FMVSS302, EN45545-2, UL94V0

Overlap: 50%

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	OD (mm)	Spread Width (mm)	Wall Thickness (mm)	Bundle Dia Range (mm)	Packing Length (m/spool)
STW-PET-005-W	5±2	7±2	35±4	1.0±0.25	4~6	100
STW-PET-008-W	8±2	10±2	40±4	1.0±0.25	6~9	100
STW-PET-010-W	10±2	12±2	49±4	1.0±0.25	8~11	100
STW-PET-013-W	13±2	15±2	65±5	1.0±0.25	12~15	50
STW-PET-016-W	16±2	18±2	77±5	1.0±0.25	15~18	50
STW-PET-019-W	19±2	21±2	91±5	1.0±0.25	18~22	25
STW-PET-025-W	25±2	27±2	120±7	1.0±0.25	23~26	25
STW-PET-029-W	29±2	31±2	139±7	1.0±0.25	28~30	25
STW-PET-032-W	32±2	34±2	153±7	1.0±0.25	29~34	25
STW-PET-038-W	38±2	40±2	181±10	1.0±0.25	35~40	25
STW-PET-050-W	45±5	53±5	238±12	1.0±0.25	46~52	25

Polyester Monofilament Self Wrappable Sleeve



Model No.: STW-PES

Material: Polyester

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: Refer to DIN5510, accord with S-4
SR-2 ST-2 grade

Overlap: 50%

Oxygen index: $OI \geq 37\%$ refer to DIN EN ISO 4589-2

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Low temperature resistance: Refer to GB/T 2423.1

Heat resistance: Refer to GB/T 2423.2

Standard Color: Black with White Identification Line

Cutting Tool: Hot Knife

Part No	Nominal Diameter (mm)	Bundle Dia Range		Thickness (mm)	Packing Length (m/spool)
		Min Φ	Max Φ		
STW-PES-005	5	1	5	0.7±0.15	100
STW-PES-008	8	6	8	0.7±0.15	100
STW-PES-013	13	9	13	0.7±0.15	100
STW-PES-016	16	13	16	0.7±0.15	50
STW-PES-019	19	14	19	0.7±0.15	50
STW-PES-025	25	20	25	0.7±0.15	25
STW-PES-029	29	26	29	0.7±0.15	25
STW-PES-032	32	30	32	0.7±0.15	25
STW-PES-038	38	33	38	0.7±0.15	25
STW-PES-050	50	39	50	0.7±0.15	25

Noise Reduction Self-Closing Braided Wrap Sleeve



Model No.: SBW-PET-NR

Material: PET Monofilament+Multifilament

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: VW-1,FMVSS302

Overlap: 50%

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

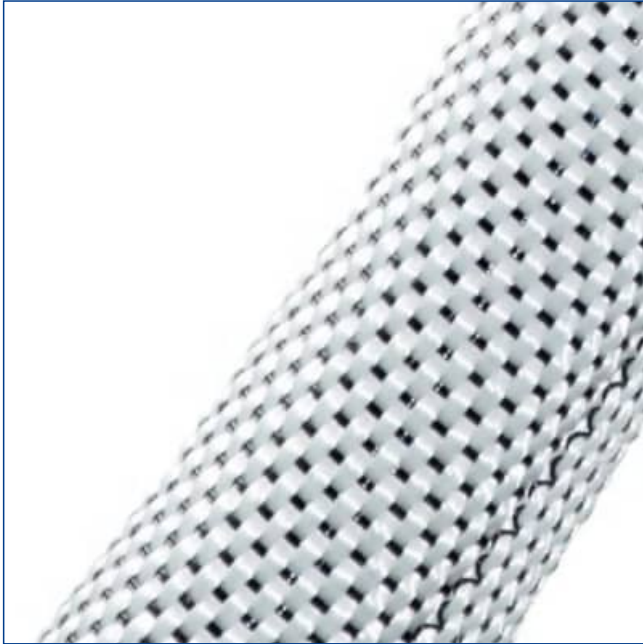
Certification: ROHS,Reach,Halogen Free

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	Thickness (mm)	Bundle Dia Range (mm)	Packing Length (m/spool)
SBW-PET-005-NR	5±2	0.8±0.2	4~6	100
SBW-PET-009-NR	10±2	0.8±0.2	8~11	100
SBW-PET-013-NR	13±2	1.0±0.3	12~15	50
SBW-PET-016-NR	16±2	1.0±0.3	15~18	25
SBW-PET-019-NR	19±2	1.0±0.3	18~22	25
SBW-PET-025-NR	25±2	1.0±0.3	23~26	25
SBW-PET-032-NR	32±2	1.0±0.3	29~34	25
SBW-PET-038-NR	38±2	1.0±0.3	35~40	25

Rodent Resistant Woven Self-Closing Sleeving



Model No.: STW-PGF-RR

Material: Fiberglass+Polyester

Working Temperature: -40°C~ +150°C

Melt Point: 240±10°C

Flammability: UL94 V2, FMVSS302

Overlap: ≥ 35%

Self Extinguishing: Yes

Certification: ROHS, Reach, Halogen Free

Standard Color: White/Black Tracer

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Spread Width (mm)	Wall Thickness (mm)	Bundle Dia Range (mm)		Packing Length (m/spool)
				Min	Max	
STW-PGF-005-RR	5	29	0.65	4	6	200
STW-PGF-008-RR	8	46	0.65	6	9	100
STW-PGF-010-RR	10	50	0.65	8	11	80
STW-PGF-013-RR	13	65	0.65	12	14	50
STW-PGF-016-RR	16	75	0.65	15	17	100
STW-PGF-019-RR	19	97	0.65	17	20	100
STW-PGF-025-RR	25	125	0.65	23	26	50
STW-PGF-029-RR	29	145	0.65	27	31	50
STW-PGF-032-RR	32	164	0.65	29	34	50
STW-PGF-038-RR	38	184	0.65	37	40	50
STW-PGF-050-RR	50	245	0.65	48	52	25

PEEK Self Wrapping Sleeve



Model No.: STW-PEEK

Material: Kevlar+PEEK

Working Temperature: -60°C~ +260°C

Flammability: Inspection requirements for military products

Mycete: Conform to GJB150.10A-2009

Smoke Density: Conform to BS EN3475-601, HB6577:1992

Toxicity: Conform to BS EN3475-602 and HB7066:1994

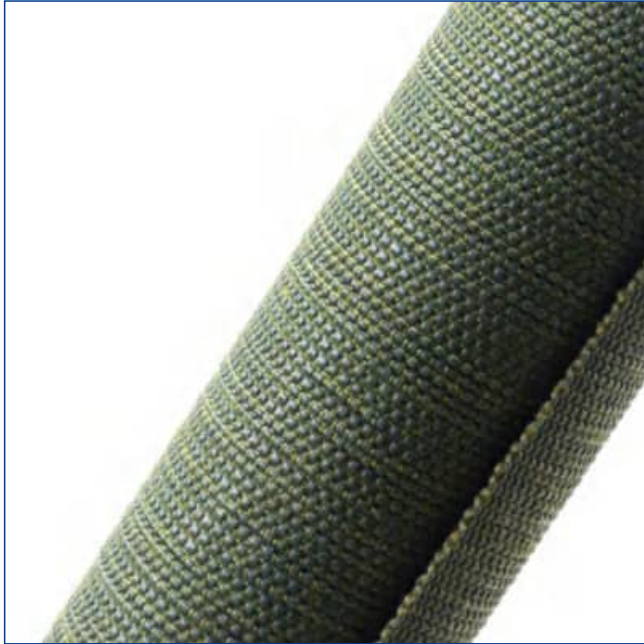
Certification: ROHS, Halogen Free

Standard Color: Army green with white

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Recommen d OD (mm)	Thickness (mm)	Overlap (°)	Packing Length (m/spool)
STW-PEEK-005	5	1~5	0.78±0.1	65~130	150
STW-PEEK-008	8	5~8	0.78±0.1	65~130	100
STW-PEEK-013	13	8~13	0.78±0.1	65~130	50
STW-PEEK-019	19	16~19	0.78±0.1	70~110	25
STW-PEEK-025	25	19~25	0.78±0.1	70~110	25
STW-PEEK-032	32	25~32	0.78±0.1	70~110	25
STW-PEEK-040	40	32~40	0.78±0.1	70~110	25

PPS Self Wrapping Sleeve



Model No.: STW-PPS

Material: Kevlar+PPS

Working Temperature: -60°C~ +200°C

Flammability: Inspection requirements for military products

Mycete: Conform to GJB150.10A-2009

Smoke Density: Conform to BS EN3475-601, HB6577:1992

Toxicity: Conform to BS EN3475-602 and HB7066:1994

Certification: ROHS, Halogen Free

Standard Color: Army green

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Recommen dOD (mm)	Thickness (mm)	Overlap (°)	Packing Length (m/spool)
STW-PPS-005	5	1~5	0.78±0.1	65~130	150
STW-PPS-008	8	5~8	0.78±0.1	65~130	100
STW-PPS-013	13	8~13	0.78±0.1	65~130	50
STW-PPS-016	16	13~16	0.78±0.1	70~110	25
STW-PPS-019	19	16~19	0.78±0.1	70~110	25
STW-PPS-025	25	19~25	0.78±0.1	70~110	25
STW-PPS-032	32	25~32	0.78±0.1	70~110	25
STW-PPS-040	40	32~40	0.78±0.1	70~110	25

Hook & Loop Braided Wrap Sleevings



Model No.: VBW-PVT

Sleeving Material: PET

Hook and Loop Material: Nylon

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: UL94 V2

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Flat Width (mm)	ID (mm)	Spread Width (mm)	Width of Hook and Loop (mm)	Packing Length (m/spool)
VBW-PVT-013	13	10	40±6	10	25
VBW-PVT-019	19	15	65±7	20	25
VBW-PVT-025	25	18	75±7	20	25
VBW-PVT-032	32	23	90±7	20	25
VBW-PVT-040	40	25	100±8	20	25
VBW-PVT-051	51	30	115±10	20	25
VBW-PVT-064	64	42	150±15	20	25
VBW-PVT-075	75	52	170±20	20	25
VBW-PVT-085	85	57	190±20	20	25
VBW-PVT-100	100	64	220±20	20	25
VBW-PVT-120	120	75	250±20	20	25
VBW-PVT-135	135	86	290±20	20	25

Hook & Loop Fast Wrap Sleeve



Model No.: VTW-PVT

Sleeve Material: PET Monofilament+Multifilament

Hook and Loop Material: Nylon

Working Temperature: -40°C~ + 125°C

Melt Point: 240±10°C

Flammability: UL94 V2

Abrasion Resistance: Refer to ISO6722

Ageing Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	Spread Width (mm)	Width of Hook and Loop (mm)	Packing Length (m/spool)
VTW - PVT - 016	16	70	20	25
VTW - PVT - 020	20	85	20	25
VTW - PVT - 025	25	100	20	25
VTW - PVT - 030	30	115	20	25
VTW - PVT - 035	35	130	20	25
VTW - PVT - 040	40	145	20	25
VTW - PVT - 050	50	177	20	25
VTW - PVT - 060	60	210	20	25
VTW - PVT - 070	70	240	20	25
VTW - PVT - 080	80	270	20	25
VTW - PVT - 090	90	305	20	25
VTW - PVT - 100	100	335	20	25

Waterproof Hook & Loop Fast Wrap Sleeve



Model No.: VTW-PVT-WR

Sleeve Material: Nylon With PU Coating

Hook and Loop Material: Nylon

Working Temperature: -40°C~ +125°C

Melt Point: 220±10°C

Water Resistance: Level 3–4 (per GB/T 4745-2012 water immersion test)

Certification: ROHS, Reach

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	Spread Width (mm)	Thickness (mm)	Packing Length (m/spool)
VTW-PVT-025-WR	25.4±3	100±9	0.7±0.1	25
VTW-PVT-038-WR	38.0±3	140±9	0.7±0.1	25
VTW-PVT-050-WR	50.8±3	198±9	0.7±0.1	25
VTW-PVT-064-WR	64.0±3	238±9	0.7±0.1	25
VTW-PVT-076-WR	76.0±3	278±9	0.7±0.1	25
VTW-PVT-090-WR	90.0±3	318±9	0.7±0.1	25
VTW-PVT-100-WR	100.0±3	357±9	0.7±0.1	25
VTW-PVT-115-WR	115.0±3	397±9	0.7±0.1	25
VTW-PVT-125-WR	125.0±3	437±9	0.7±0.1	25
VTW-PVT-150-WR	150.0±3	517±9	0.7±0.1	25

Nylon & Polyester Wrappable Sleeve



Model No.: VTM-PET+PA

Material: Polyester Multifilament+Nylon Multifilament

Working Temperature: -40°C~ +125°C

Melt Point: 220±10°C

Abrasion Resistance: Refer to ISO6722

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Cutting Tool: Hot Knife

Part No	Size (mm)	Spread Width (mm)	Wall Thickness (mm)	Packing Length (m/spool)
VTM-PET+PA-013	13	68±3	1.5	100
VTM-PET+PA-016	16	78±3	1.5	100
VTM-PET+PA-019	19	91±3	1.5	100
VTM-PET+PA-025	25	110±3	1.5	100
VTM-PET+PA-032	32	129±3	1.5	100
VTM-PET+PA-038	38	145±5	1.5	100
VTM-PET+PA-045	45	167±10	1.5	100
VTM-PET+PA-051	51	185±10	1.5	100

Zipper Braided Wrap Sleeve



Model No.: ZBW-PZP

Sleeve Material: Polyester

Zipper Material: Nylon

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: UL94 V2

Abrasion Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach

Standard Color: Black

Part No	Nominal Size W(mm)	Approx. Inside Diameter (mm)	Max Bundle Dia (mm)	Packing Length (m)
ZBW-PZP-012	12	8	8	1m/pc Or Custom Length
ZBW-PZP-020	20	12	15	
ZBW-PZP-030	30	20	20	
ZBW-PZP-050	50	32	35	
ZBW-PZP-064	64	40	45	

Zipper Fast Wrap Sleeve



Model No.: ZTW-PZP

Sleeve Material: Polyester

Zipper Material: Nylon

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: UL94 V2

Abrasion Resistance: Refer to ISO6722

Liquid Resistance: Refer to GMW14327

Certification: ROHS, Reach

Standard Color: Black

Part No	Nominal Size ID(mm)	Spread Width (mm)	Max Bundle Dia (mm)	Packing Length (m)
ZTW - PZP - 020	20	65±10	22	Customized length
ZTW - PZP - 025	25	88±10	27	
ZTW - PZP - 030	30	104±10	32	
ZTW - PZP - 035	35	120±10	37	
ZTW - PZP - 040	40	135±10	42	
ZTW - PZP - 045	45	151±10	47	
ZTW - PZP - 050	50	170±10	52	
ZTW - PZP - 060	60	188±10	62	
ZTW - PZP - 064	64	200±10	66	
ZTW - PZP - 070	70	220±10	72	
ZTW - PZP - 076	76	240±10	78	
ZTW - PZP - 080	80	252±10	82	
ZTW - PZP - 152	152	480±10	154	

Nylon Hose Burst Protection Sleeve



Model No.: HPS-NY-S

Material: PA6

Working Temperature: -40°C~ +125°C

Melt Point: 220±10°C

MSHA Compliance: MSHA IC293/01

Blasting Resistance: Conform to ISO3457

Abrasion Resistance: Conform to ISO6945

Flammability: FMVSS302

Anti-leakage: Conform to SAE J343

UV Resistant: Conform to BS EN13758-1

Standard Color: Black

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Flat Width (mm)			Packing Length (m/spool)
		0.8mm Thickness	1.0±0.1mm Thickness	1.2±0.1mm Thickness	
HPS-NY-S-017	17	29	30	30	50
HPS-NY-S-020	20	34	35	35	50
HPS-NY-S-023	23	39	39	40	50
HPS-NY-S-025	25	42	42	43	50
HPS-NY-S-027	27	45	46	46	50
HPS-NY-S-031	31	51	52	52	50
HPS-NY-S-033	33	54	55	56	50
HPS-NY-S-036	36	59	60	60	50
HPS-NY-S-040	40	65	66	67	50
HPS-NY-S-044	44	72	72	73	50
HPS-NY-S-047	47	76	77	78	50
HPS-NY-S-050	50	81	82	/	50
HPS-NY-S-053	53	86	86	87	50
HPS-NY-S-055	55	89	91	90	50
HPS-NY-S-060	60	97	97	98	50
HPS-NY-S-063	63	102	/	/	50
HPS-NY-S-066	66	106	107	107	50
HPS-NY-S-073	73	117	118	118	50
HPS-NY-S-078	78	125	126	126	50
HPS-NY-S-085	85	136	137	137	50
HPS-NY-S-093	93	149	149	150	50
HPS-NY-S-099	99	156	/	162	50
HPS-NY-S-106	106	169	/	175	50
HPS-NY-S-112	112	178	179	180	50
HPS-NY-S-125	125	199	/	204	50

Burst Guard Nylon Hose Sleeve



Model No.: HPS-NY-D

Material: PA6

Working Temperature: -40°C~ +125°C

Melt Point: 220±10°C

MSHA Compliance: MSHA IC293/01

Blasting Resistance: Conform to ISO3457

Abrasion Resistance: Conform to ISO6945

Flammability: FMVSS302

Anti-leakage: Conform to SAE J343

UV Resistant: Conform to BS EN13758-1

Standard Color: Black (Outer Layer)&
Yellow (Inner Layer)

Cutting Tool: Scissor

Part No	ID (mm)	Flat Width (mm)	Thickness (mm)		Packing Length (m/spool)
			Inner	Outer	
HPS-NY-D-020	20	38	1.0	1.3	50
HPS-NY-D-030	30	53	1.0	1.3	50
HPS-NY-D-034	34	60	1.0	1.3	50
HPS-NY-D-042	42	72	1.0	1.3	50
HPS-NY-D-044	44	75	1.0	1.3	50
HPS-NY-D-046	46	78	1.0	1.3	50
HPS-NY-D-055	55	93	1.0	1.3	50
HPS-NY-D-058	58	97	1.0	1.3	50
HPS-NY-D-060	60	100	1.0	1.3	50
HPS-NY-D-070	70	117	1.0	1.3	50
HPS-NY-D-077	77	127	1.0	1.3	50
HPS-NY-D-080	80	132	1.0	1.3	50
HPS-NY-D-084	84	139	1.0	1.3	50
HPS-NY-D-093	93	153	1.0	1.3	50

Polyester Hydraulic Hose Protection Sleeve



Model No.: HPS-PES-S

Material: Polyester

Working Temperature: -40°C~ +150°C

Melt Point: 250±10°C

MSHA Compliance: MSHA IC293/01

Blasting Resistance: Conform to ISO3457

Abrasion Resistance: Conform to ISO6945

Flammability: FMVSS302

Anti-leakage: Conform to SAE J343

UV Resistant: Conform to BS EN13758-1

Standard Color: Black

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Flat Width (mm)			Packing Length (m/spool)
		0.8±0.1mm Thickness	1.0±0.1mm Thickness	1.2±0.1mm Thickness	
HPS-PES-S-017	17	29	30	30	50
HPS-PES-S-020	20	34	35	35	50
HPS-PES-S-023	23	39	39	40	50
HPS-PES-S-025	25	42	42	43	50
HPS-PES-S-027	27	45	46	46	50
HPS-PES-S-031	31	51	52	52	50
HPS-PES-S-033	33	54	55	56	50
HPS-PES-S-036	36	59	60	60	50
HPS-PES-S-040	40	65	66	67	50
HPS-PES-S-044	44	72	72	73	50
HPS-PES-S-047	47	76	77	78	50
HPS-PES-S-050	50	81	82	/	50
HPS-PES-S-053	53	86	86	87	50
HPS-PES-S-055	55	89	91	90	50
HPS-PES-S-060	60	97	97	98	50
HPS-PES-S-063	63	102	/	/	50
HPS-PES-S-066	66	106	107	107	50
HPS-PES-S-073	73	117	118	118	50
HPS-PES-S-078	78	125	126	126	50
HPS-PES-S-085	85	136	137	137	50
HPS-PES-S-093	93	149	149	150	50
HPS-PES-S-099	99	156	/	162	50
HPS-PES-S-106	106	169	/	175	50
HPS-PES-S-112	112	178	179	180	50
HPS-PES-S-125	125	199	/	204	50

Spiral Hose Guard



Model No.: HPS-PP-SX-CS

Material: Polypropylene(PP)

Working Temperature: -40°C~ +105°C

Tensile Strength: Normal temperature $\geq$ 25Mpa;
-40°C $\times$ 24H $\geq$ 30Mpa

Impact Strength: Conforms to GB/T 2411-1843

Certification: ROHS

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	OD (mm)	Wall Thickness (mm)	Screw Pitch (mm)	Bundle Dia (mm)	Packing Length (m/spool)
HPS-PP-SX-008-CS	8	11.0	1.5	10.0	8~12	2/20/50/100/200
HPS-PP-SX-010-CS	10	12.8	1.4	11.0	10~14	2/20/50/100/200
HPS-PP-SX-012-CS	12	15.0	1.5	12.0	12~16	2/20/50/100/200
HPS-PP-SX-014-CS	14	17.0	1.5	13.0	14~18	2/20/50/100/200
HPS-PP-SX-016-CS	16	19.6	1.8	15.0	16~20	2/20/50/100/200
HPS-PP-SX-018-CS	18	21.6	1.8	16.0	18~22	2/20/50/100
HPS-PP-SX-020-CS	20	24.0	2.0	18.0	20~24	2/20/50/100
HPS-PP-SX-021-CS	21	25.0	2.0	18.0	21~25	2/20/50/100
HPS-PP-SX-022-CS	22	26.0	2.0	18.0	22~25	2/20/50/100
HPS-PP-SX-023-CS	23	27.0	2.0	19.2	23~28	2/20/50/100/150
HPS-PP-SX-024-CS	24	28.0	2.0	21.0	24~28	2/20/50/100/150
HPS-PP-SX-025-CS	25	29.8	2.4	21.5	25~30	2/20/50/100/150
HPS-PP-SX-028-CS	28	33.2	2.6	23.0	28~32	2/20/50/100/150
HPS-PP-SX-030-CS	30	34.8	2.4	22.5	30~35	2/20/50/100/150
HPS-PP-SX-032-CS	32	37.6	2.8	23.0	32~38	2/20/50/100
HPS-PP-SX-035-CS	35	40.6	2.8	24.0	35~40	2/20/50/100
HPS-PP-SX-038-CS	38	44.0	3.0	25.0	38~43	2/20/50/100
HPS-PP-SX-040-CS	40	47.0	3.5	27.0	40~45	2/20/50

Spiral Hose Guard

Part No	ID (mm)	OD (mm)	Wall Thickness (mm)	Screw Pitch (mm)	Bundle Dia (mm)	Packing Length (m/spool)
HPS-PP-SX-042-CS	42	49	3.5	25.0	42~48	2/20/50
HPS-PP-SX-045-CS	45	53	4.0	28.0	45~50	2/20/50
HPS-PP-SX-048-CS	48	56	4.0	28.0	48~52	2/20/50
HPS-PP-SX-050-CS	50	59	4.5	29.0	50~55	2/20/50
HPS-PP-SX-052-CS	52	61	4.5	29.0	52~58	2/20/50
HPS-PP-SX-055-CS	55	64	4.5	30.0	55~60	2/20/50
HPS-PP-SX-060-CS	60	69	4.5	30.0	60~65	2/20/50
HPS-PP-SX-063-CS	63	72	4.5	30.0	63~68	2/20/50
HPS-PP-SX-065-CS	65	74	4.5	30.0	65~70	2/20/50
HPS-PP-SX-067-CS	67	76	4.5	30.0	67~72	2/20/50
HPS-PP-SX-070-CS	70	79	4.5	34.0	70~75	2/20/50
HPS-PP-SX-074-CS	74	84	5.0	34.0	74~80	2/10
HPS-PP-SX-075-CS	75	85	5.0	42.0	75~78	2/10
HPS-PP-SX-080-CS	80	91	5.5	45.0	80~85	2/10
HPS-PP-SX-088-CS	88	99	5.5	45.0	88~95	2/10
HPS-PP-SX-090-CS	90	101	5.5	45.0	90~97	2/10
HPS-PP-SX-100-CS	100	112	6.0	50.0	100~110	2/10
HPS-PP-SX-150-CS	150	162	6.0	38.0	150~180	2
HPS-PP-SX-200-CS	200	210	5.0	50.0	200~300	2

Plane Spiral Hose Guard



Model No.: HPS-PP-SX-P

Material: Polypropylene (PP)

Working Temperature: -40°C~+105°C

Tensile Strength: Room temperature $\geq 25\text{Mpa}$,
-40 °C×24H $\geq 30\text{Mpa}$

Impact Strength: GB/T 2411-1843

Certification: ROHS

Standard Color: Black

Cutting Tool: Hot Knife

Part No	ID (mm)	OD (mm)	Wall Thickness (mm)	Screw Pitch (mm)	Packing Length (m/spool)
HPS-PP-SX-010-P	7.8±1	10.0±1	1.10±0.15	9.5±1	100
HPS-PP-SX-012-P	9.6±1	12.0±1	1.20±0.15	10.5±1	100
HPS-PP-SX-016-P	13.4±1	16.0±1	1.35±0.15	12.0±1	100
HPS-PP-SX-020-P	16.0±1	20.0±1	1.45±0.15	15.0±1	100
HPS-PP-SX-025-P	20.6±2	25.0±2	2.05±0.15	16.0±1	100
HPS-PP-SX-028-P	22.2±2	28.0±2	2.15±0.15	18.0±1	50
HPS-PP-SX-032-P	27.0±2	32.0±2	2.30±0.25	19.0±1	50
HPS-PP-SX-038-P	32.2±2	38.0±2	2.45±0.25	20.0±1	50
HPS-PP-SX-040-P	34.6±2	40.0±2	2.70±0.30	22.0±1	25
HPS-PP-SX-050-P	41.5±3	48.5±3	2.80±0.30	30.0±1	25
HPS-PP-SX-063-P	56.0±3	62.6±3	3.20±0.30	35.0±2	25
HPS-PP-SX-075-P	66.2±4	75.0±4	3.40±0.30	36.0±2	10
HPS-PP-SX-090-P	80.2±5	90.0±5	4.20±0.40	42.0±2	10
HPS-PP-SX-110-P	99.0±6	110.0±6	4.40±0.40	48.0±3	10
HPS-PP-SX-125-P	113.2±6	125.0±6	4.70±0.40	50.0±3	10

Spiral Wrap



Model No.: SW-PE,SW-SI

Material: PE/Silicone

PE Working Temperature: -40°C~+80°C

Silicone Working Temperature: -40°C~+200°C

Certification: ROHS

Standard Color: Black,Natural

Cutting Tool: Scissor

Part No	ID (mm)	OD (mm)	Thread Pitch (mm)	Thickness (mm)	Packing Length (m/spool)
SW-PE/SI-003	2.0±0.5	3±0.5	5±1	0.5±0.1	50
SW-PE/SI-004	3.0±0.5	4±0.5	6±1	0.5±0.1	50
SW-PE/SI-005	4.0±0.5	5±0.5	7±1	0.5±0.1	50
SW-PE/SI-006	5.0±0.5	6±0.5	8±1	0.5±0.1	20
SW-PE/SI-008	7.0±0.5	8±0.5	10±1	0.5±0.1	12
SW-PE/SI-010	8.8±0.5	10±0.5	12±1	0.6±0.1	10
SW-PE/SI-012	10.5±0.5	12±0.5	14±1	0.7±0.1	8
SW-PE/SI-014	12.0±0.5	14±0.5	16±1	0.8±0.1	5
SW-PE/SI-016	14.0±0.5	16±0.5	18±1	0.9±0.1	4
SW-PE/SI-018	16.0±0.5	18±0.5	20+2-3	1.0±0.1	3
SW-PE/SI-020	18.0±0.5	20±0.5	22+2-3	1.0±0.1	3

Zip Spiral Wrapping Band with Clip Tool



Model No.: SW-PE-ZIP

Material: PE

Structure: Spiral split design

Working Temperature: -40°C~+80°C

Certification: ROHS, Reach

Standard Color: Black, Grey, White

Packing: Roll with clip tool

Part No	Nominal Size D(mm)	Spread Width W(mm)	Bundle Dia Range (mm)	Packing Length (m/spool)
SW-PE-ZIP-008	8	29	7~9	100
SW-PE-ZIP-010	10	40	9~12	100
SW-PE-ZIP-016	16	51	13~16	100
SW-PE-ZIP-022	22	71	17~22	50
SW-PE-ZIP-028	28	88	23~28	50
SW-PE-ZIP-032	32	100	28~32	50
SW-PE-ZIP-042	42	129	36~42	20

Tinned Copper Braided Sleeving



Model No.: MBS-TC

Material: Tinned Copper Wire+Nylon Multifilament

Working Temperature: -40°C~ +150°C

Flammability: Self-extinguishing

Shielding Effectiveness: $\geq 75\text{dB}$ (30MHZ-3GHZ)
per GB/T 30142-2013

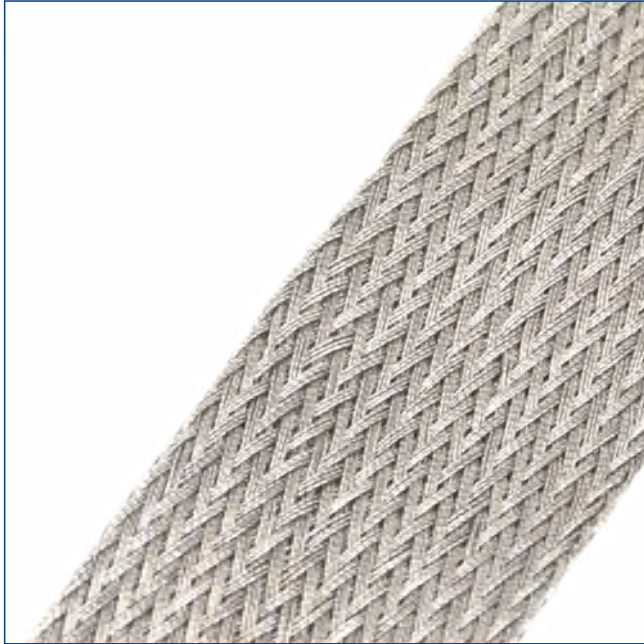
Certification: ROHS, Reach

Standard Color: Tin-plated copper

Cutting Tool: Scissor

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
MBS-TC-003	1/8"	3 $\pm$ 1	1	4	250
MBS-TC-006	1/4"	6 $\pm$ 1	5	8	200
MBS-TC-008	5/16"	8 $\pm$ 2	6	12	200
MBS-TC-010	3/8"	10 $\pm$ 2	7	17	150
MBS-TC-012	1/2"	12 $\pm$ 2	8	20	100
MBS-TC-016	5/8"	16 $\pm$ 2	10	20	100
MBS-TC-020	3/4"	20 $\pm$ 2	13	26	50
MBS-TC-025	1"	25 $\pm$ 2	18	33	50
MBS-TC-032	1-1/4"	32 $\pm$ 2	20	50	50
MBS-TC-038	1-1/2"	38 $\pm$ 2	30	60	50
MBS-TC-045	1-3/25"	45 $\pm$ 2	35	75	25
MBS-TC-050	2"	50 $\pm$ 2	40	80	25

Copper Foil Braided Sleeving



Model No.: MBS-CF

Material: Tinned Copper Foil+Nylon Multifilament

Working Temperature: -40°C~ +125°C

Flammability: Self-extinguishing

Certification: ROHS, Reach

Standard Color: Tinned Color

Cutting Tool: Scissor

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
MBS-CF-004	1/8"	4	3	7	250
MBS-CF-006	1/4"	6	4	9	200
MBS-CF-008	5/16"	8	6	12	150
MBS-CF-010	3/8"	10	7	16	150
MBS-CF-012	1/2"	12	8	20	150
MBS-CF-015	5/8"	15	10	23	100
MBS-CF-020	3/4"	20	13	28	50
MBS-CF-025	1"	25	18	32	50
MBS-CF-030	1-1/4"	30	20	40	50
MBS-CF-040	1-1/2"	40	30	50	25
MBS-CF-050	2"	50	40	60	25

Tinned Copper Self-Wrapping Shielding Sleeve



Model No.: MBS-TC-S

Material: Tinned Copper+PPS

Working Temperature: -40°C~ +150°C

Overlap: $\geq 35\%$

Flammability: EN45545-2 R22/23 HL3

Shielding Efficiency: GB/T 30142-2013

Certification: ROHS, Reach

Standard Color: Silver

Cutting Tool: Scissor

Part No	ID (mm)	OD (mm)	Spread Width (mm)	Packing Length (m/spool)
MBS-TC-008-S	8 $\pm$ 2	10 $\pm$ 2	40 $\pm$ 5	100
MBS-TC-010-S	10 $\pm$ 2	12 $\pm$ 2	50 $\pm$ 5	100
MBS-TC-013-S	13 $\pm$ 2	15 $\pm$ 2	63 $\pm$ 5	100
MBS-TC-016-S	16 $\pm$ 2	18 $\pm$ 2	77 $\pm$ 5	50
MBS-TC-019-S	19 $\pm$ 2	21 $\pm$ 2	93 $\pm$ 5	25
MBS-TC-025-S	25 $\pm$ 2	27 $\pm$ 2	122 $\pm$ 5	25
MBS-TC-032-S	32 $\pm$ 2	34 $\pm$ 2	143 $\pm$ 5	25
MBS-TC-038-S	38 $\pm$ 2	40 $\pm$ 2	185 $\pm$ 5	25

Hook & Loop Braided Shielding Sleeve



Model No.: VEW-PVT

Material: Polyester

Material of hook and loop: Nylon

Working Temperature: -40°C~ +125°C

Melting point: 240±10°C

Flammability: DIN5510

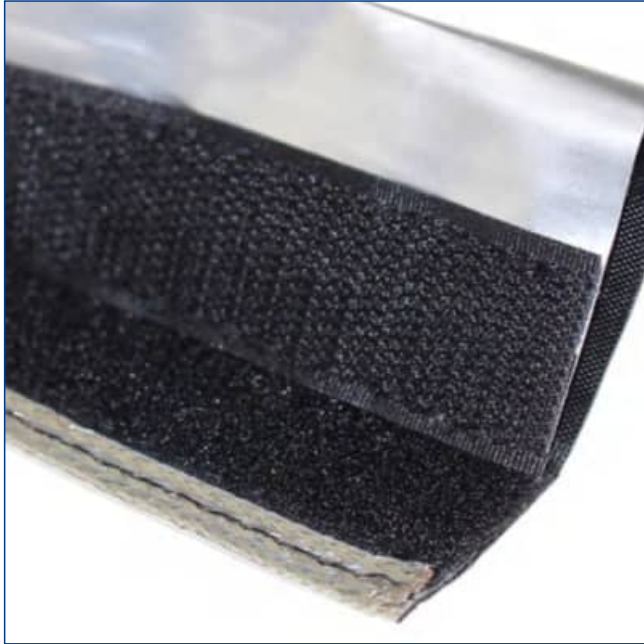
Certification: ROHS

Standard Color: Black

Cutting Tool: Hot Knife/Scissor

Part No	ID (mm)	Bundle Dia (mm)	Packing Length (m/spool)
VEW-PVT-010	10	1~10	50
VEW-PVT-016	16	10~16	50
VEW-PVT-020	20	17~20	50
VEW-PVT-030	30	21~30	50
VEW-PVT-040	40	31~40	50
VEW-PVT-050	50	41~50	50
VEW-PVT-060	60	51~60	50

EMI Shielded Self-Winding Braided Sleeving



Model No.: VEW-AFVT

Material: Polyester Fabrics+Aluminum Foil+Tinned Copper Wire

Working Temperature: -40°C~ +150°C

Melting point: 240±10°C

Flammability: EN45545

Shielding property: GB/T 30142-2013

Certification: ROHS, Reach

Standard Color: Inner silver and Outer black

Cutting Tool: Scissor

Part No	Size (mm)	Width (mm)			Packing Length (m/spool)
		Ground Wire	Velcro	Polyester Foil Cloth	
VEW -AFVT -020	Φ20	5±1	25±2	118±5	120
VEW -AFVT -040	Φ40	5±1	25±2	165±5	80
VEW -AFVT -060	Φ60	5±1	25±2	225±5	50

Zipper Braided Shielding Sleeve



Model No.: ZEW-PZP

Material: Polyester

Zipper material: Nylon

Working Temperature: -40°C~ +125°C

Melting point: 240±10°C

Flammability: DIN5510

Certification: ROHS

Standard Color: Black

Cutting Tool: Scissor

Part No	ID (mm)	Width Of Cloth (mm)	Width Of Crocheting Mesh (mm)	Max Bundle Dia (mm)	Packing Length (m/spool)
ZEW-PZP-015	15	65	75	10~15	50
ZEW-PZP-030	30	110	130	21~30	50
ZEW-PZP-050	50	160	185	41~50	50

Carbon Fiber Braided Sleeving



Model No.: BRS-CF

Material: Carbon Fiber

Working Temperature: -269°C~ +500°C

Flammability: Non Flammable

Abrasion Resistance: Medium

Certification: ROHS

Standard Color: Black

Cutting Tool: Scissor

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-CF-003	1/8"	3	1	4	500
BRS-CF-006	1/4"	6	5	8	300
BRS-CF-008	5/16"	8	6	10	200
BRS-CF-010	3/8"	10	7	13	200
BRS-CF-012	1/2"	12	8	16	200
BRS-CF-015	5/8"	15	10	20	200
BRS-CF-020	3/4"	20	14	26	150
BRS-CF-025	1"	25	18	33	100
BRS-CF-030	1-1/4"	30	20	39	100
BRS-CF-040	1-1/2"	40	30	52	100
BRS-CF-050	2"	50	40	65	100

Kevlar Braided Sleeving



Model No.: BRS-KV

Material: Kevlar Fiber

Working Temperature: -170°C~ +250°C

Flammability: Not Melt

Certification: ROHS

Standard Color: Yellow

Cutting Tool: Scissor

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-KV-003	1/8"	3	1	4	500
BRS-KV-006	1/4"	6	5	8	300
BRS-KV-008	6/15"	8	6	10	250
BRS-KV-010	3/8"	10	7	13	250
BRS-KV-012	1/2"	12	8	16	200
BRS-KV-015	5/8"	15	10	20	200
BRS-KV-020	3/4"	20	14	26	150
BRS-KV-025	1"	25	18	33	150
BRS-KV-030	1-1/4"	30	20	39	100
BRS-KV-040	1-1/2"	40	30	52	100
BRS-KV-050	2"	50	40	65	100

Nomex Braided Sleeving



Model No.: BRS-NM

Material: Nomex Fiber

Working Temperature: -196°C~ +350°C

Melting Point: No melt

Certification: ROHS, Halogen Free

Standard Color: Army Green, White

Cutting Tool: Scissor

Part No	Flat Width(W)		Expanded Range (mm)		Packing Length (m/spool)
	Inch	mm	Min. (I)	Max. (O)	
BRS-NM-003	1/8"	3	1	4	500
BRS-NM-006	1/4"	6	5	8	500
BRS-NM-008	5/16"	8	6	10	350
BRS-NM-010	3/8"	10	7	13	350
BRS-NM-012	1/2"	12	8	16	300
BRS-NM-015	5/8"	15	10	20	250
BRS-NM-020	3/4"	20	14	26	200
BRS-NM-025	1"	25	18	33	200
BRS-NM-030	1-1/4"	30	20	39	150
BRS-NM-040	1-1/2"	40	30	52	150
BRS-NM-050	2"	50	40	65	150

Basalt Fiber Braided Sleeving



Model No.: BRS-BS

Material: Basalt Fiber

Working Temperature: -269°C~ +650°C

Melting Point: 1400°C

Certification: ROHS

Standard Color: Brown

Cutting Tool: Scissor

Part No	Flat Width(W) (mm)	Expanded Range (mm)		Packing Length (m/spool)
		Min. (I)	Max. (O)	
BRS-BS-003	3	1	4	500
BRS-BS-006	6	5	8	200
BRS-BS-008	8	6	10	200
BRS-BS-010	10	7	13	200
BRS-BS-012	12	8	16	200
BRS-BS-015	15	10	20	200
BRS-BS-020	20	14	26	150
BRS-BS-025	25	18	33	150
BRS-BS-030	30	20	39	100
BRS-BS-040	40	30	52	100
BRS-BS-050	50	40	65	100

2:1 Standard Heat Shrink Tubing



Model No.: HST-ST2

Material: Polyolefin

Shrink Ratio: 2:1

Working Temperature: -45°C~ +125°C

Shrinkage Temp.: Start shrinkage at 70°C,
fully recovery at 125°C

Breakdown strength: Refers to IEC 60243,
index $\geq$ 15KV/mm

Withstanding voltage: 600V

Longitudinal shrinkage ratio: $\pm$ 8%

Flame retardant rating: VW-1

Certification: ROHS, Reach, Halogen Free

UV Resistant: Yes

Standard Color: Black

Cutting Tool: Scissor

Serviceable tool: Heat Gun/Tunnel Furnace

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-ST2-1.0	Φ1.0	1.50 $\pm$ 0.30	0.20 $\pm$ 0.05	$\leq$ 0.65	0.36 $\pm$ 0.10	400
HST-ST2-1.5	Φ1.5	2.00 $\pm$ 0.30	0.20 $\pm$ 0.05	$\leq$ 0.85	0.36 $\pm$ 0.10	400
HST-ST2-2.0	Φ2.0	2.50 $\pm$ 0.30	0.23 $\pm$ 0.05	$\leq$ 1.00	0.45 $\pm$ 0.10	400
HST-ST2-2.5	Φ2.5	3.00 $\pm$ 0.30	0.23 $\pm$ 0.05	$\leq$ 1.30	0.45 $\pm$ 0.10	400
HST-ST2-3.0	Φ3.0	3.50 $\pm$ 0.30	0.23 $\pm$ 0.08	$\leq$ 1.50	0.40 $\pm$ 0.10	400
HST-ST2-3.5	Φ3.5	4.00 $\pm$ 0.30	0.23 $\pm$ 0.08	$\leq$ 1.80	0.42 $\pm$ 0.10	400
HST-ST2-4.0	Φ4.0	4.60 $\pm$ 0.30	0.25 $\pm$ 0.08	$\leq$ 2.00	0.45 $\pm$ 0.10	400
HST-ST2-4.5	Φ4.5	5.00 $\pm$ 0.30	0.25 $\pm$ 0.08	$\leq$ 2.30	0.50 $\pm$ 0.10	400
HST-ST2-5.0	Φ5.0	5.50 $\pm$ 0.30	0.25 $\pm$ 0.08	$\leq$ 2.50	0.50 $\pm$ 0.10	200
HST-ST2-5.5	Φ5.5	6.00 $\pm$ 0.30	0.25 $\pm$ 0.08	$\leq$ 2.75	0.50 $\pm$ 0.10	200
HST-ST2-6.0	Φ6.0	6.50 $\pm$ 0.30	0.28 $\pm$ 0.10	$\leq$ 3.00	0.55 $\pm$ 0.10	200
HST-ST2-6.5	Φ6.5	7.00 $\pm$ 0.35	0.28 $\pm$ 0.10	$\leq$ 3.30	0.55 $\pm$ 0.10	100
HST-ST2-7.0	Φ7.0	7.60 $\pm$ 0.35	0.28 $\pm$ 0.10	$\leq$ 3.50	0.55 $\pm$ 0.10	100
HST-ST2-8.0	Φ8.0	8.60 $\pm$ 0.35	0.28 $\pm$ 0.10	$\leq$ 4.00	0.60 $\pm$ 0.10	100
HST-ST2-9.0	Φ9.0	9.60 $\pm$ 0.40	0.30 $\pm$ 0.10	$\leq$ 4.50	0.60 $\pm$ 0.10	100
HST-ST2-10.0	Φ10.0	10.60 $\pm$ 0.40	0.30 $\pm$ 0.10	$\leq$ 5.00	0.60 $\pm$ 0.10	100

2:1 Standard Heat Shrink Tubing

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-ST2-11.0	Φ11.0	11.70±0.50	0.30±0.10	≤5.50	0.60±0.10	100
HST-ST2-12.0	Φ12.0	12.70±0.50	0.30±0.10	≤6.00	0.60±0.10	100
HST-ST2-13.0	Φ13.0	13.70±0.50	0.35±0.12	≤6.50	0.65±0.10	100
HST-ST2-14.0	Φ14.0	14.70±0.50	0.35±0.12	≤7.00	0.65±0.10	100
HST-ST2-15.0	Φ15.0	15.70±0.50	0.40±0.12	≤7.50	0.65±0.10	100
HST-ST2-16.0	Φ16.0	16.70±0.50	0.40±0.12	≤8.00	0.65±0.10	100
HST-ST2-17.0	Φ17.0	17.70±0.50	0.40±0.12	≤8.50	0.65±0.10	100
HST-ST2-18.0	Φ18.0	19.00±0.70	0.40±0.12	≤9.00	0.75±0.10	100
HST-ST2-19.0	Φ19.0	20.00±0.70	0.40±0.12	≤9.50	0.75±0.10	100
HST-ST2-20.0	Φ20.0	21.00±0.70	0.40±0.12	≤10.00	0.75±0.10	100
HST-ST2-22.0	Φ22.0	23.00±0.70	0.40±0.12	≤11.00	0.75±0.15	100
HST-ST2-25.0	Φ25.0	26.00±0.70	0.50±0.12	≤12.50	0.85±0.15	50
HST-ST2-28.0	Φ28.0	29.00±0.80	0.50±0.12	≤14.00	0.85±0.15	50
HST-ST2-30.0	Φ30.0	31.50±1.30	0.50±0.12	≤15.00	0.90±0.15	50
HST-ST2-35.0	Φ35.0	36.50±1.30	0.50±0.15	≤17.50	1.05±0.15	50
HST-ST2-40.0	Φ40.0	41.50±1.30	0.55±0.15	≤20.00	1.05±0.15	50
HST-ST2-45.0	Φ45.0	46.50±1.30	0.55±0.15	≤22.50	1.05±0.15	50
HST-ST2-50.0	Φ50.0	≥50.00	0.55±0.15	≤25.00	1.05±0.15	25
HST-ST2-60.0	Φ60.0	≥60.00	0.65±0.15	≤30.00	1.25±0.15	25
HST-ST2-70.0	Φ70.0	≥70.00	0.65±0.15	≤35.00	1.25±0.20	25
HST-ST2-80.0	Φ80.0	≥80.00	0.65±0.15	≤40.00	1.35±0.20	25
HST-ST2-90.0	Φ90.0	≥90.00	0.65±0.15	≤45.00	1.35±0.20	25
HST-ST2-100.0	Φ100.0	≥100.00	0.65±0.25	≤50.00	1.35±0.25	25

2:1 Thin Wall Heat Shrink Tubing



Model No.: HST-TW2

Material: Polyolefin

Shrink Ratio: 2:1

Working Temperature: -55°C~+125°C

Start Shrink Temperature: 90°C

Storage Temperature: ≤60°C

Fully Recovery Temperature: 125°C

Longitudinal Shrinkage: ±5%

Flammability: VW-1

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Cutting Tool: Scissor

Serviceable tool: Heat Gun/Tunnel Furnace

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-TW2-0.6	Φ0.6	0.80±0.20	0.15±0.05	≤0.40	0.25±0.06	400
HST-TW2-0.8	Φ0.8	1.20±0.20	0.13±0.05	≤0.45	0.25±0.06	300
HST-TW2-1.0	Φ1.0	1.50±0.20	0.13±0.05	≤0.60	0.25±0.06	200
HST-TW2-1.5	Φ1.5	2.00±0.20	0.13±0.05	≤0.80	0.25±0.06	200
HST-TW2-2.0	Φ2.0	2.50±0.20	0.13±0.05	≤1.00	0.25±0.06	200
HST-TW2-2.5	Φ2.5	3.00±0.20	0.13±0.05	≤1.25	0.28±0.06	200
HST-TW2-3.0	Φ3.0	3.50±0.20	0.13±0.05	≤1.50	0.30±0.06	200
HST-TW2-3.5	Φ3.5	4.00±0.20	0.15±0.05	≤1.75	0.30±0.06	200
HST-TW2-4.0	Φ4.0	4.50±0.20	0.15±0.05	≤2.00	0.30±0.06	200
HST-TW2-4.5	Φ4.5	5.00±0.20	0.15±0.05	≤2.25	0.30±0.06	200
HST-TW2-5.0	Φ5.0	5.50±0.20	0.15±0.05	≤2.50	0.30±0.06	100
HST-TW2-6.0	Φ6.0	6.50±0.20	0.15±0.05	≤3.00	0.30±0.06	100
HST-TW2-7.0	Φ7.0	7.50±0.30	0.15±0.05	≤3.50	0.32±0.06	100
HST-TW2-8.0	Φ8.0	8.50±0.30	0.15±0.05	≤4.00	0.32±0.06	100
HST-TW2-9.0	Φ9.0	9.50±0.30	0.16±0.05	≤4.50	0.34±0.06	100
HST-TW2-10.0	Φ10.0	10.50±0.30	0.16±0.05	≤5.00	0.34±0.06	100

2:1 Thin Wall Heat Shrink Tubing

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-TW2-11.0	Φ11.0	11.50±0.30	0.16±0.05	≤5.50	0.34±0.06	100
HST-TW2-12.0	Φ12.0	12.50±0.30	0.16±0.05	≤6.00	0.34±0.06	100
HST-TW2-13.0	Φ13.0	13.50±0.30	0.16±0.05	≤6.50	0.34±0.06	100
HST-TW2-14.0	Φ14.0	14.50±0.30	0.16±0.05	≤7.00	0.34±0.06	100
HST-TW2-15.0	Φ15.0	15.50±0.30	0.16±0.05	≤7.50	0.34±0.06	100
HST-TW2-16.0	Φ16.0	16.50±0.40	0.18±0.05	≤8.00	0.38±0.08	100
HST-TW2-17.0	Φ17.0	17.50±0.40	0.18±0.05	≤8.50	0.38±0.08	100
HST-TW2-18.0	Φ18.0	18.50±0.40	0.18±0.05	≤9.00	0.38±0.08	100
HST-TW2-20.0	Φ20.0	21.00±0.50	0.20±0.05	≤10.00	0.42±0.08	100
HST-TW2-22.0	Φ20.0	23.00±0.50	0.20±0.05	≤11.00	0.42±0.08	100
HST-TW2-25.0	Φ25.0	26.00±0.50	0.20±0.05	≤12.50	0.42±0.08	50
HST-TW2-30.0	Φ30.0	31.00±1.00	0.25±0.08	≤15.00	0.48±0.08	50
HST-TW2-35.0	Φ35.0	36.00±1.00	0.25±0.08	≤17.50	0.48±0.08	25

3:1 Dual Wall Heat Shrink Tubing



Model No.: HST-DW3-AD

Material: Polyolefin+Hot Melt Adhesive

Style: Adhesive Line Dual Wall

Shrink Ratio: 3:1

Working Temperature: -45°C~ +125°C

Shrinkage Temp.: Start shrinkage at 70°C,
fully recovery at 125°C

Minimum Complete Shrink Temperature: 125°C

Longitudinal Shrinkage: ±10%

Breakdown strength: ≥15KV/mm refers to
IEC 60243

Standard Color: Black

Cutting Tool: Scissor

Serviceable Tool: Heat Gun/Tunnel Furnace

Part No	Size (mm)	Unshrink ID D(mm)	After Shrunk Size (mm)		Packing Length (m/spool)
			d	w.t	
HST-DW3-AD-3.2	Φ3.2	≥3.20	≤1.00	0.90±0.30	200
HST-DW3-AD-4.8	Φ4.8	≥4.80	≤1.60	1.05±0.30	100
HST-DW3-AD-6.4	Φ6.4	≥6.40	≤2.20	1.25±0.30	100
HST-DW3-AD-7.9	Φ7.9	≥7.90	≤2.70	1.35±0.30	100
HST-DW3-AD-9.5	Φ9.5	≥9.50	≤3.20	1.45±0.30	50
HST-DW3-AD-12.7	Φ12.7	≥12.70	≤4.20	1.65±0.30	25
HST-DW3-AD-15.0	Φ15.0	≥15.00	≤5.20	1.80±0.30	25
HST-DW3-AD-19.1	Φ19.1	≥19.10	≤6.30	1.95±0.30	25
HST-DW3-AD-25.4	Φ25.4	≥25.40	≤8.50	2.00±0.40	25
HST-DW3-AD-30.0	Φ30.0	≥30.00	≤10.20	2.15±0.40	25
HST-DW3-AD-40.0	Φ40.0	≥40.00	≤13.50	2.45±0.40	25
HST-DW3-AD-50.0	Φ50.0	≥50.00	≤17.00	2.75±0.40	25
HST-DW3-AD-64.0	Φ64.0	≥64.00	≤21.00	3.05±0.40	25
HST-DW3-AD-75.0	Φ75.0	≥75.00	≤25.00	3.05±0.50	25
HST-DW3-AD-90.0	Φ90.0	≥90.00	≤30.00	3.10±0.50	25
HST-DW3-AD-100.0	Φ100.0	≥100.00	≤34.00	3.10±0.50	25

4:1 Dual Wall Heat Shrink Tubing



Model No.: HST-DW4-AD

Material: Polyolefin+Hot Melt Adhesive

Style: Adhesive Line Dual Wall

Shrink Ratio: 4:1

Working Temperature: -55°C~ +125°C

Shrinking Temperature: $\geq 125^{\circ}\text{C}$

Flammability: VW-1

Longitudinal Shrinkage: $\pm 10\%$

Breakdown strength: $\geq 15\text{KV/mm}$ refers to IEC 60243

Standard Color: Black

Cutting Tool: Scissor

Serviceable Tool: Heat Gun/Tunnel Furnace

Part No	Unshrink Size (mm)		After Shrunk Size (mm)			Packing Length (m/pc)
	D	W.T	d	w.t	Adhesive Thickness	
HST-DW4-AD-4.0	4.50 $\pm$ 0.50	0.50 $\pm$ 0.20	1.00	1.00 $\pm$ 0.20	0.40 $\pm$ 0.15	200
HST-DW4-AD-6.0	6.50 $\pm$ 0.50	0.50 $\pm$ 0.20	1.50	1.10 $\pm$ 0.20	0.50 $\pm$ 0.20	100
HST-DW4-AD-8.0	8.50 $\pm$ 0.50	0.70 $\pm$ 0.20	2.00	1.50 $\pm$ 0.30	0.50 $\pm$ 0.20	100
HST-DW4-AD-12.0	13.00 $\pm$ 1.00	0.90 $\pm$ 0.30	3.00	1.70 $\pm$ 0.30	0.60 $\pm$ 0.20	50 or 1.22
HST-DW4-AD-16.0	17.00 $\pm$ 1.00	1.00 $\pm$ 0.30	4.00	2.00 $\pm$ 0.30	0.70 $\pm$ 0.30	50 or 1.22
HST-DW4-AD-24.0	25.00 $\pm$ 1.00	1.00 $\pm$ 0.30	6.00	2.50 $\pm$ 0.40	0.90 $\pm$ 0.30	25 or 1.22
HST-DW4-AD-32.0	33.00 $\pm$ 1.00	1.20 $\pm$ 0.30	8.00	3.00 $\pm$ 0.60	1.00 $\pm$ 0.30	25 or 1.22
HST-DW4-AD-52.0	54.00 $\pm$ 2.00	1.20 $\pm$ 0.30	13.00	3.00 $\pm$ 0.60	1.00 $\pm$ 0.30	25 or 1.22

Fabric Heat Shrink Tubing



Model No.: HST-FB

Material: Polyolefin+Polyester

Shrink Ratio: 2:1

Working Temperature: -40°C~ +150°C

High Temperature Resistance: No bursting after test at 150 for 1000h

Abrasion Resistance: Conform to GMW14327 > class 7(100000 times)

Low Temperature Resistance: No brittleness at -40°C for 4h

Storage Temperature: ≤60°C

Fluid resistance: Refer to GMW14327

Shrinkage condition: 150~200 °C(tunnel/oven)

Standard Color: Black

Cutting Tool: Scissor

Serviceable Tool: Heat Gun/Tunnel Furnace

Part No	As supplied Size		Fully recovered Size(d)	Recommended Bundle Dia (mm)	Packing Length (m/spool)
	Flat Width	D(ID)			
HST-FB-010	18+2/-2	10.0	5.0	5~8	100
HST-FB-020	37+3/-2	20.0	10.0	10~16	100
HST-FB-025	45+3/-2	25.0	12.5	13~21	100
HST-FB-030	56+3/-2	30.0	15.0	15~24	100
HST-FB-034	57+3/-2	34.0	17.0	17~27	100
HST-FB-040	68+3/-3	40.0	20.0	20~32	100
HST-FB-050	83+3/-3	50.0	25.0	25~40	100
HST-FB-056	94+3/-3	56.0	28.0	28~45	100
HST-FB-060	97+8/-5	60.0	30.0	30~48	100
HST-FB-070	115+8/-5	35.0	35.0	35~56	50
HST-FB-080	130+8/-5	40.0	40.0	40~64	50
HST-FB-090	143+8/-5	45.0	45.0	45~72	50
HST-FB-100	160+10/-5	100.0	50.0	50~80	50

Non-Slip Textured Heat Shrink Tubing



Model No.: HST-EVA

Material: Polyolefin

Shrink Ratio: 2:1

Working Temperature: -40°C~ +105°C

Minimum Complete Shrink Temperature: 110°C

Longitudinal Shrinkage: $\pm 5\%$

Certification: ROHS

Standard Color: Black, other colors (yellow/green/blue/red) can be customized

Cutting Tool: Scissor/Heat Gun

Part No	Unshrink Size (mm)		After Shrunk Size (mm)		Packing (m/Piece)
	D	W.T	d	w.t	
HST-EVA-15.0	≥ 15	0.45 ± 0.15	≤ 8.5	0.90 ± 0.18	1.0 or 1.6
HST-EVA-18.0	≥ 18	0.45 ± 0.15	≤ 10.0	0.95 ± 0.18	1.0 or 1.6
HST-EVA-20.0	≥ 20	0.55 ± 0.15	≤ 11.0	1.00 ± 0.18	1.0 or 1.6
HST-EVA-22.0	≥ 22	0.55 ± 0.15	≤ 13.0	1.00 ± 0.18	1.0 or 1.6
HST-EVA-25.0	≥ 25	0.55 ± 0.15	≤ 15.0	1.00 ± 0.18	1.0 or 1.6
HST-EVA-28.0	≥ 28	0.55 ± 0.15	≤ 15.5	1.05 ± 0.20	1.0 or 1.6
HST-EVA-30.0	≥ 30	0.60 ± 0.15	≤ 17.5	1.05 ± 0.20	1.0 or 1.6
HST-EVA-35.0	≥ 35	0.65 ± 0.15	≤ 19.5	1.10 ± 0.25	1.0 or 1.6
HST-EVA-40.0	≥ 40	0.65 ± 0.15	≤ 23.0	1.15 ± 0.25	1.0 or 1.6
HST-EVA-45.0	≥ 45	0.70 ± 0.15	≤ 25.0	1.20 ± 0.25	1.0 or 1.6
HST-EVA-50.0	≥ 50	0.70 ± 0.15	≤ 28.0	1.25 ± 0.25	1.0 or 1.6

Silicone Heat Shrink Tubing



Model No.: HST-SI

Material: Silicone Rubber

Shrink Ratio: 1.7:1

Working Temperature: -40°C~ +200°C

Flammability: VW-1

Longitudinal Shrinkage: $\pm 5\%$

Standard Color: Black

Certification: ROHS

Cutting Tool: Scissor/Heat Gun

Part No	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
	D	W.T	d	w.t	
HST-SI-1.0	1.0	0.5 $\pm$ 0.1	$\leq$ 0.6	1.1 $\pm$ 0.15	200
HST-SI-2.0	2.0	0.5 $\pm$ 0.1	$\leq$ 1.2	1.1 $\pm$ 0.15	200
HST-SI-3.0	3.0	0.5 $\pm$ 0.1	$\leq$ 1.8	1.1 $\pm$ 0.15	100
HST-SI-4.0	4.0	0.5 $\pm$ 0.1	$\leq$ 2.5	1.1 $\pm$ 0.15	100
HST-SI-5.0	5.0	0.5 $\pm$ 0.1	$\leq$ 3.0	1.1 $\pm$ 0.15	100
HST-SI-6.0	6.0	0.5 $\pm$ 0.1	$\leq$ 3.8	1.1 $\pm$ 0.15	100
HST-SI-7.0	7.0	0.5 $\pm$ 0.1	$\leq$ 4.0	1.1 $\pm$ 0.15	100
HST-SI-8.0	8.0	0.5 $\pm$ 0.1	$\leq$ 4.8	1.1 $\pm$ 0.15	50
HST-SI-9.0	9.0	0.5 $\pm$ 0.1	$\leq$ 5.0	1.1 $\pm$ 0.15	50
HST-SI-10.0	10.0	1.0 $\pm$ 0.1	$\leq$ 6.5	2.5 $\pm$ 0.15	50
HST-SI-12.0	12.0	1.0 $\pm$ 0.1	$\leq$ 7.0	2.5 $\pm$ 0.15	50
HST-SI-15.0	15.0	1.0 $\pm$ 0.1	$\leq$ 9.0	2.5 $\pm$ 0.15	50
HST-SI-20.0	20.0	1.0 $\pm$ 0.1	$\leq$ 13.0	2.5 $\pm$ 0.15	50
HST-SI-25.0	25.0	1.0 $\pm$ 0.1	$\leq$ 15.0	2.5 $\pm$ 0.15	25
HST-SI-30.0	30.0	1.0 $\pm$ 0.1	$\leq$ 18.0	2.5 $\pm$ 0.15	25
HST-SI-35.0	35.0	1.0 $\pm$ 0.1	$\leq$ 20.0	2.5 $\pm$ 0.15	25
HST-SI-40.0	40.0	1.0 $\pm$ 0.1	$\leq$ 25.0	2.5 $\pm$ 0.15	25

Silicone Tube



Model No.: PT-SI

Material: Silicone

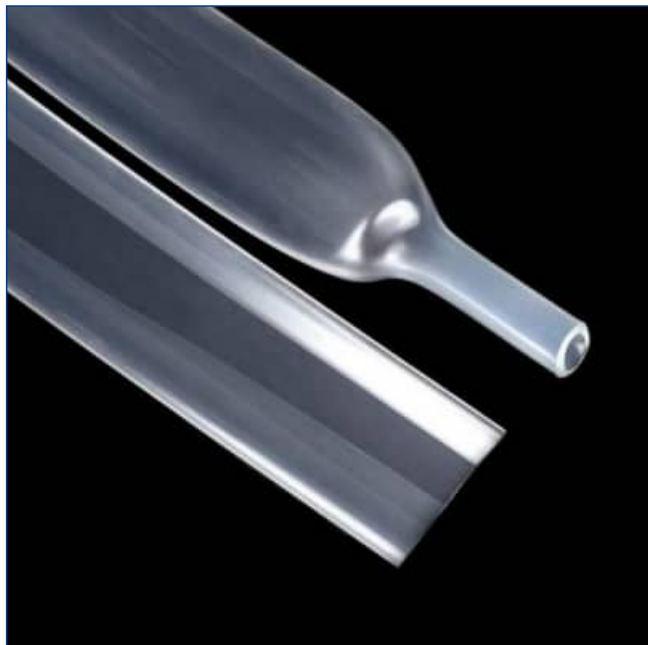
Working Temperature: -40°C~ +200°C

Standard Color: Clear

Cutting Tool: Scissor

Part No	ID (mm)	Wall Thickness (mm)				Packing Length (m/spool)
		2500V	4000V	6000V	7000V	
PT-SI-0.8	0.8	0.5	1.0	1.5	2.0	200
PT-SI-1.0	1.0	0.5	1.0	1.5	2.0	200
PT-SI-1.5	1.5	0.5	1.0	1.5	2.0	200
PT-SI-2.0	2.0	0.5	1.0	1.5	2.0	200
PT-SI-2.5	2.5	0.5	1.0	1.5	2.0	200
PT-SI-3.0	3.0	0.5	1.0	1.5	2.0	200
PT-SI-3.5	3.5	0.5	1.0	1.5	2.0	200
PT-SI-4.0	4.0	0.5	1.0	1.5	2.0	200
PT-SI-4.5	4.5	0.5	1.0	1.5	2.0	200
PT-SI-5.0	5.0	0.5	1.0	1.5	2.0	50
PT-SI-5.5	5.5	0.5	1.0	1.5	2.0	50
PT-SI-6.0	6.0	0.5	1.0	1.5	2.0	50
PT-SI-7.0	7.0	/	1.0	1.5	2.0	50
PT-SI-8.0	8.0	/	1.0	1.5	2.0	50
PT-SI-9.0	9.0	/	1.0	1.5	2.0	25
PT-SI-10.0	10.0	/	1.0	1.5	2.0	50
PT-SI-12.0	12.0	/	1.0	1.5	2.0	25
PT-SI-14.0	14.0	/	/	1.5	2.0	25
PT-SI-15.0	15.0	/	/	1.5	2.0	25
PT-SI-20.0	20.0	/	/	/	2.0	10

4:1 Teflon Heat Shrink Tubing



Model No.: HST-PF4

Material: PTFE

Shrink Ratio: 4:1

Working Temperature: -55°C~ +260°C

Melt Point: 327°C

Working Voltage: 600V

Flammability: UL-224,VW-1

Tensile strength: $\geq 24.5\text{MPa}$

Specific Gravity: 2.16g/cm^3

Standard Color: Clear

Cutting Tool: Scissor

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-PF4-2.0	Φ2.0	2.00±0.20	0.10±0.05	≤0.50	0.30±0.05	200
HST-PF4-2.5	Φ2.5	2.50±0.20	0.10±0.05	≤0.65	0.30±0.05	200
HST-PF4-3.0	Φ3.0	3.00±0.20	0.10±0.05	≤0.80	0.30±0.05	100
HST-PF4-3.5	Φ3.5	3.50±0.20	0.10±0.05	≤0.90	0.30±0.05	100
HST-PF4-4.0	Φ4.0	4.00±0.30	0.10±0.05	≤1.00	0.30±0.05	100
HST-PF4-4.5	Φ4.5	4.50±0.30	0.12±0.05	≤1.15	0.30±0.05	100
HST-PF4-5.0	Φ5.0	5.00±0.30	0.12±0.05	≤1.25	0.30±0.05	100
HST-PF4-6.0	Φ6.0	6.00±0.30	0.12±0.05	≤1.50	0.30±0.05	100
HST-PF4-7.0	Φ7.0	7.00±0.30	0.12±0.05	≤1.75	0.30±0.05	100
HST-PF4-8.0	Φ8.0	8.00±0.30	0.15±0.05	≤2.00	0.35±0.05	100
HST-PF4-9.0	Φ9.0	9.00±0.30	0.15±0.05	≤2.25	0.35±0.05	100

1.7:1 Teflon Heat Shrink Tubing



Model No.: HST-PF1.7

Material: PTFE

Shrink Ratio: 1.7:1

Working Temperature: -55°C~ +260°C

Melt Point: 327°C

Working Voltage: 600V

Flammability: UL-224,VW-1

Tensile strength: $\geq 24.5\text{MPa}$

Specific Gravity: 2.16g/cm^3

Standard Color: Clear

Cutting Tool: Scissor

Part No	Size (mm)	Unshrink Size (mm)		After Shrunk Size (mm)		Packing Length (m/spool)
		D	W.T	d	w.t	
HST-PF1.7-0.5	Φ0.5	0.70±0.20	0.10±0.05	≤0.40	0.15±0.05	200
HST-PF1.7-1.0	Φ1.0	1.00±0.20	0.10±0.05	≤0.66	0.15±0.05	200
HST-PF1.7-1.5	Φ1.5	1.50±0.20	0.10±0.05	≤0.97	0.15±0.05	200
HST-PF1.7-2.0	Φ2.0	2.00±0.20	0.10±0.05	≤1.32	0.15±0.05	200
HST-PF1.7-2.5	Φ2.5	2.50±0.20	0.10±0.05	≤1.65	0.15±0.05	200
HST-PF1.7-3.0	Φ3.0	3.00±0.20	0.15±0.05	≤1.83	0.20±0.05	100
HST-PF1.7-3.5	Φ3.5	3.50±0.20	0.15±0.05	≤2.05	0.20±0.05	100
HST-PF1.7-3.8	Φ3.8	3.80±0.20	0.15±0.05	≤2.24	0.20±0.05	100
HST-PF1.7-4.0	Φ4.0	4.00±0.30	0.15±0.05	≤2.31	0.20±0.05	100
HST-PF1.7-4.5	Φ4.5	4.50±0.30	0.15±0.05	≤2.57	0.20±0.05	100
HST-PF1.7-5.0	Φ5.0	5.00±0.30	0.15±0.05	≤3.10	0.20±0.05	100
HST-PF1.7-6.0	Φ6.0	6.00±0.30	0.15±0.05	≤3.80	0.25±0.05	100
HST-PF1.7-7.0	Φ7.0	7.00±0.30	0.18±0.05	≤4.20	0.25±0.05	100
HST-PF1.7-8.0	Φ8.0	8.00±0.30	0.18±0.05	≤4.80	0.25±0.05	100
HST-PF1.7-9.0	Φ9.0	9.00±0.30	0.18±0.05	≤5.30	0.25±0.05	100
HST-PF1.7-10.0	Φ10.0	10.00±0.30	0.20±0.05	≤6.20	0.25±0.05	100
HST-PF1.7-11.0	Φ11.0	11.00±0.30	0.20±0.05	≤6.30	0.25±0.05	100
HST-PF1.7-12.0	Φ12.0	12.00±0.30	0.20±0.05	≤6.95	0.25±0.05	100
HST-PF1.7-13.0	Φ13.0	13.00±0.30	0.20±0.05	≤7.00	0.25±0.05	100
HST-PF1.7-14.0	Φ14.0	14.00±0.30	0.20±0.05	≤8.70	0.25±0.05	100
HST-PF1.7-15.0	Φ15.0	15.00±0.30	0.20±0.05	≤8.80	0.25±0.05	100
HST-PF1.7-16.0	Φ16.0	16.00±0.30	0.20±0.05	≤8.90	0.25±0.05	100

Heat Treated Fiberglass Sleeve



Model No.: GF-HT-N

Braided Material: Fiberglass Fiber

Working Temperature: -60°C~ +600°C

Breakdown strength: 600V

Flammability: VW-1

Standard Color: White

Cutting Tool: Scissor

Part No	ID (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
GF-HT-N-0.5	0.5	0.20±0.08	400
GF-HT-N-1.0	1.0	0.20±0.08	400
GF-HT-N-1.5	1.5	0.20±0.08	400
GF-HT-N-2.0	2.0	0.20±0.08	200
GF-HT-N-2.5	2.5	0.25±0.08	200
GF-HT-N-3.0	3.0	0.30±0.08	200
GF-HT-N-3.5	3.5	0.35±0.08	200
GF-HT-N-4.0	4.0	0.35±0.08	100
GF-HT-N-4.5	4.5	0.35±0.08	100
GF-HT-N-5.0	5.0	0.35±0.08	100
GF-HT-N-5.5	5.5	0.35±0.08	100
GF-HT-N-6.0	6.0	0.35±0.08	100
GF-HT-N-7.0	7.0	0.35±0.08	100
GF-HT-N-8.0	8.0	0.40±0.10	100
GF-HT-N-9.0	9.0	0.40±0.10	100
GF-HT-N-10.0	10.0	0.45±0.10	50
GF-HT-N-11.0	11.0	0.45±0.10	50
GF-HT-N-12.0	12.0	0.45±0.10	50
GF-HT-N-13.0	13.0	0.50±0.10	50
GF-HT-N-15.0	15.0	0.50±0.10	50
GF-HT-N-18.0	18.0	0.50±0.10	50
GF-HT-N-20.0	20.0	0.50±0.10	25
GF-HT-N-22.0	22.0	0.50±0.10	25
GF-HT-N-25.0	25.0	0.50±0.10	25

Silicone Coated Fiberglass Sleeving



Model No.: GF-IC-S

Braided Material: Fiberglass Fiber

Coating Material: Silicone

Working Temperature: -40°C~ +200°C

Withstand Voltage: 1.5KV,2.5KV,4KV,7KV

Aging Test: 260°C 6H, No Cracking

Temperature Endurance: 200±2°C 168H,
≥Primary voltage value

Flammability: VW-1, UL1441

Standard Color: White

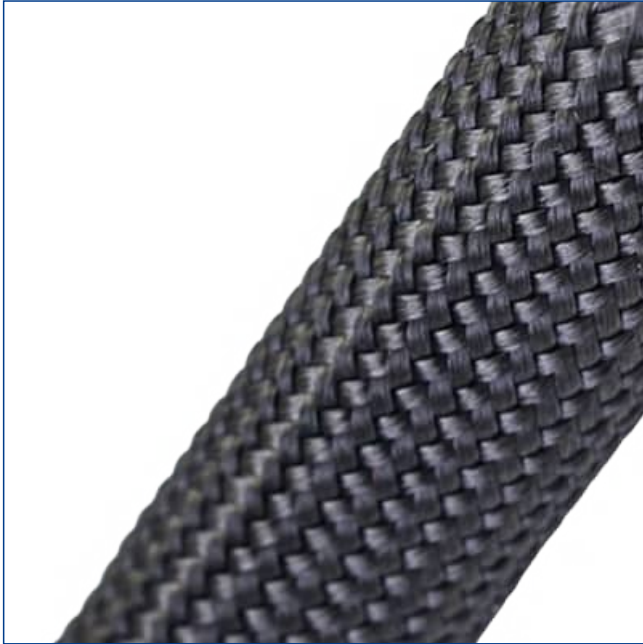
Cutting Tool: Scissor

Part No	Size ID (mm)	ID Tolerance (mm)	Wall Thickness(T) (mm)				Packing Length (m/spool)
			1.5KV	2.5KV	4KV	7KV	
GF-IC-S-0.5	0.5	+0.30/-0.10	0.31±0.05	0.31±0.05	0.35±0.05	0.38±0.05	200
GF-IC-S-0.8	0.8	+0.30/-0.10	0.31±0.05	0.33±0.05	0.40±0.05	0.55±0.05	200
GF-IC-S-1.0	1.0	+0.30/-0.10	0.32±0.05	0.36±0.05	0.45±0.10	0.55±0.05	200
GF-IC-S-1.5	1.5	+0.30/-0.10	0.37±0.05	0.38±0.05	0.54±0.10	0.58±0.08	200
GF-IC-S-2.0	2.0	+0.30/-0.10	0.37±0.05	0.39±0.05	0.55±0.10	0.58±0.05	200
GF-IC-S-2.5	2.5	+0.30/-0.10	0.37±0.05	0.41±0.05	0.55±0.10	0.60±0.05	200
GF-IC-S-3.0	3.0	+0.30/-0.10	0.37±0.05	0.43±0.05	0.57±0.10	0.60±0.05	100
GF-IC-S-3.5	3.5	+0.30/-0.10	0.38±0.05	0.43±0.05	0.57±0.10	0.64±0.05	100
GF-IC-S-4.0	4.0	+0.30/-0.10	0.39±0.05	0.44±0.05	0.57±0.10	0.64±0.05	100
GF-IC-S-4.5	4.5	+0.30/-0.10	0.40±0.05	0.44±0.05	0.57±0.10	0.64±0.05	100
GF-IC-S-5.0	5.0	+0.40/-0.10	0.40±0.05	0.44±0.05	0.57±0.10	0.65±0.05	100
GF-IC-S-5.5	5.5	+0.40/-0.10	0.40±0.05	0.44±0.05	0.57±0.10	0.65±0.05	100
GF-IC-S-6.0	6.0	+0.40/-0.10	0.41±0.05	0.45±0.05	0.57±0.10	0.65±0.05	100
GF-IC-S-7.0	7.0	+0.40/-0.10	0.41±0.05	0.45±0.05	0.57±0.10	0.65±0.05	100
GF-IC-S-8.0	8.0	+0.40/-0.10	0.42±0.05	0.45±0.05	0.57±0.10	0.65±0.05	50
GF-IC-S-9.0	9.0	+0.50/-0.10	0.48±0.05	0.53±0.05	0.65±0.10	0.75±0.05	50
GF-IC-S-10.0	10.0	+0.50/-0.10	0.50±0.05	0.53±0.05	0.66±0.10	0.76±0.05	50
GF-IC-S-11.0	11.0	+0.50/-0.10	0.51±0.05	0.54±0.05	0.67±0.10	0.76±0.05	50
GF-IC-S-12.0	12.0	+0.50/-0.10	0.51±0.05	0.54±0.05	0.67±0.10	0.77±0.05	50
GF-IC-S-13.0	13.0	+0.50/-0.10	0.51±0.05	0.55±0.05	0.68±0.10	0.78±0.05	50

Silicone Coated Fiberglass Sleeving

Part No	Size ID (mm)	ID Tolerance (mm)	Wall Thickness(T) (mm)				Packing Length (m/spool)
			1.5KV	2.5KV	4KV	7KV	
GF-IC-S-14.0	14.0	+0.50/-0.10	0.51±0.05	0.55±0.05	0.70±0.10	0.79±0.05	50
GF-IC-S-15.0	15.0	+0.50/-0.10	0.52±0.05	0.55±0.05	0.70±0.10	0.79±0.05	50
GF-IC-S-16.0	16.0	+0.60/-0.10	0.53±0.05	0.56±0.05	0.70±0.10	0.79±0.05	50
GF-IC-S-17.0	17.0	+0.60/-0.10	0.53±0.05	0.56±0.05	0.75±0.10	0.81±0.05	50
GF-IC-S-18.0	18.0	+0.60/-0.10	0.60±0.05	0.63±0.05	0.75±0.10	0.81±0.05	50
GF-IC-S-19.0	19.0	+0.60/-0.10	0.65±0.05	0.68±0.05	0.75±0.10	0.92±0.05	50
GF-IC-S-20.0	20.0	+0.80/-0.10	0.70±0.05	0.73±0.05	0.75±0.10	0.95±0.05	50
GF-IC-S-22.0	22.0	+0.80/-0.10	0.72±0.05	0.76±0.05	0.75±0.10	0.95±0.05	50
GF-IC-S-25.0	25.0	+0.80/-0.10	0.75±0.05	0.76±0.05	0.88±0.15	0.95±0.05	50
GF-IC-S-30.0	30.0	+0.80/-0.10	0.75±0.05	0.78±0.05	0.95±0.15	0.96±0.05	50
GF-IC-S-35.0	35.0	+0.80/-0.10	0.80±0.05	0.85±0.05	1.02±0.17	0.98±0.05	50

Enhanced High Temperature Fiberglass Sleeve



Model No.: GF-HT-O-EH

Braided Material: Glass Fiber

Coating Material: High Temperature Resistant Resin

Function: Thermal Protection

Working Temperature: -70°C~ +650°C

Melt Point: 1120°C

Flammability: VW-1

Abrasion Resistance: High

Standard Color: Black

Cutting Tool: Scissor

Part No	Size ID (mm)	ID Tolerance (mm)	Wall Thickness (mm)	Max Expansion ID(mm)	Packing Length (m/spool)
GF-HT-O-006-EH	6.0	+0.50/-0.00	0.78±0.10	10	50
GF-HT-O-010-EH	10.0	+0.70/-0.00	1.08±0.10	16	50
GF-HT-O-012-EH	12.5	+0.70/-0.00	1.15±0.15	19	50
GF-HT-O-016-EH	16.0	+0.80/-0.00	1.15±0.15	22	50
GF-HT-O-019-EH	19.0	+0.80/-0.00	1.15±0.15	28	50
GF-HT-O-022-EH	22.0	+1.00/-0.00	1.15±0.15	32	50
GF-HT-O-025-EH	25.0	+1.00/-0.00	1.43±0.15	40	25
GF-HT-O-038-EH	38.0	+1.00/-0.00	1.53±0.18	65	25
GF-HT-O-062-EH	62.5	+1.50/-0.00	1.78±0.20	103	25

Fire Sleeve



Model No.: GF-FH-SR

Material: Fiberglass Fiber

Working Temperature: -50°C~ +260°C

Flammability: VW-1

Breakdown voltage: 7kv-25kv

Certification: ROHS, Reach

Standard Color: Black/Red(or customized)

Cutting Tool: Scissor

Part No	Inner Dia		Wall Thickness (mm)	Packing Length (m/spool)
	Inch	mm		
GF-FH-SR-006	1/4"	6	1.5	20
GF-FH-SR-008	5/16"	8	1.6	20
GF-FH-SR-010	3/8"	10	1.8	20
GF-FH-SR-013	1/2"	13	1.9	20
GF-FH-SR-015	5/8"	15	2.1	20
GF-FH-SR-020	3/4"	20	2.4	20
GF-FH-SR-022	7/8"	22	2.5	20
GF-FH-SR-025	1"	25	2.6	20
GF-FH-SR-030	11/8"	30	2.9	20
GF-FH-SR-032	11/4"	32	3.0	20
GF-FH-SR-035	13/8"	35	3.1	20
GF-FH-SR-038	11/2"	38	3.2	20
GF-FH-SR-040	15/8"	40	3.4	20
GF-FH-SR-045	13/4"	45	3.4	20
GF-FH-SR-050	2"	50	3.6	20
GF-FH-SR-55	21/4"	55	3.7	20
GF-FH-SR-60	23/8"	60	3.8	20
GF-FH-SR-65	21/2"	65	3.8	20
GF-FH-SR-70	23/4"	70	4.0	20
GF-FH-SR-75	3"	75	4.1	20
GF-FH-SR-80	31/8"	80	4.3	15
GF-FH-SR-85	31/4"	85	4.3	15
GF-FH-SR-90	31/2"	90	4.5	15
GF-FH-SR-95	33/4"	95	4.5	15
GF-FH-SR-100	4"	100	4.6	15
GF-FH-SR-105	41/8"	105	4.7	10
GF-FH-SR-110	43/8"	110	4.7	10
GF-FH-SR-115	41/2"	115	4.7	10
GF-FH-SR-120	43/4"	120	4.8	10
GF-FH-SR-125	5"	125	4.8	10
GF-FH-SR-130	51/8"	130	5.0	10
GF-FH-SR-140	51/2"	140	5.2	10
GF-FH-SR-150	6"	150	5.2	10

Aluminum Foil Coated Thermal Insulation Sleeve



Model No.: GF-AF-N

Material: Aluminum Foil+Fiberglass

Working Temperature: -40°C~ +200°C

Heat insulation performance: $\geq 80^{\circ}\text{C}$

Thermal insulation: Test method refer to
SAE J2302

Oil resistance: Refer to GMW 15608

Heat resistance: Refer to GMW15608

Low temperature flexibility: Refer to GMW15608

Flammability: FMVSS302

Standard Color: Aluminum foil

Cutting Tool: Scissor, Cutting machine

Part No	Flat Width(W) (mm)	Max Bundle Dia (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
GF-AF-N-010	10 $\pm$ 2	4.5	0.55 $\pm$ 0.15	50
GF-AF-N-013	13 $\pm$ 2	6.0	0.80 $\pm$ 0.15	50
GF-AF-N-016	16 $\pm$ 2	7.0	0.80 $\pm$ 0.15	50
GF-AF-N-019	19 $\pm$ 2	9.0	0.80 $\pm$ 0.15	50
GF-AF-N-022	22 $\pm$ 2	11.0	0.80 $\pm$ 0.15	50
GF-AF-N-029	29 $\pm$ 2	15.0	0.80 $\pm$ 0.15	50
GF-AF-N-032	32 $\pm$ 3	17.0	0.80 $\pm$ 0.15	50
GF-AF-N-034	34 $\pm$ 3	19.0	0.80 $\pm$ 0.15	50
GF-AF-N-038	38 $\pm$ 3	21.0	0.80 $\pm$ 0.15	50
GF-AF-N-042	42 $\pm$ 3	24.0	0.80 $\pm$ 0.15	50
GF-AF-N-046	46 $\pm$ 3	26.0	0.80 $\pm$ 0.15	50
GF-AF-N-050	50 $\pm$ 3	29.0	0.80 $\pm$ 0.15	50
GF-AF-N-057	57 $\pm$ 3	34.0	0.80 $\pm$ 0.15	50
GF-AF-N-063	63 $\pm$ 3	37.0	0.80 $\pm$ 0.15	50

Aluminum Heat Reflective Fiberglass Self-Closing Wrap



Model No.: GF-AS-N

Material: Aluminum Foil+Glass Fiber+Pet

Working Temperature: -40°C~ +200°C

Heat insulation: Refer to SAE J2302

Heat insulation performance: $\geq 80^{\circ}\text{C}$

Oil resistance: Refer to GMW15608

High temperature aging: Refer to GMW15608

Low temperature flexibility: Refer to GMW15608

Coincidence rate: $\geq 35\%$

Flammability: FMVSS302

Certification: ROHS, Reach

Standard Color: Aluminum foil

Cutting Tool: Scissor, Cutting machine

Part No	Diameter		Spread Width (mm)	Overlap (%)	Packing Length (m/spool)
	I.D (mm)	O.D (mm)			
GF-AS-N-006	6 $\pm$ 2	8 $\pm$ 2	30 $\pm$ 3	≥ 35	1m/pcs Within 1m can be cut and packaged according to customer length
GF-AS-N-008	8 $\pm$ 2	10 $\pm$ 2	37 $\pm$ 3	≥ 35	
GF-AS-N-010	10 $\pm$ 2	12 $\pm$ 2	51 $\pm$ 3	≥ 35	
GF-AS-N-013	13 $\pm$ 2	15 $\pm$ 2	60 $\pm$ 3	≥ 35	
GF-AS-N-016	16 $\pm$ 2	18 $\pm$ 2	70 $\pm$ 3	≥ 35	
GF-AS-N-019	19 $\pm$ 2	21 $\pm$ 2	90 $\pm$ 3	≥ 35	
GF-AS-N-025	25 $\pm$ 2	27 $\pm$ 2	108 $\pm$ 5	≥ 35	
GF-AS-N-032	32 $\pm$ 2	34 $\pm$ 2	132 $\pm$ 5	≥ 35	
GF-AS-N-038	38 $\pm$ 2	40 $\pm$ 2	158 $\pm$ 5	≥ 35	
GF-AS-N-043	43 $\pm$ 2	45 $\pm$ 2	190 $\pm$ 5	≥ 35	

PE Non Split Wire Loom Tubing



Model No.: WL-PE-N

Material: Polyethylene

Style: Non Split

Working Temperature: -40°C~ +105°C

Melt Point: 135±10°C

Flammability: UL94 HB

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PE-N-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PE-N-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PE-N-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PE-N-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PE-N-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PE-N-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PE-N-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PE-N-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PE-N-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PE-N-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PE-N-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PE-N-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PE-N-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

PP Non Split Wire Loom Tubing



Model No.: WL-PP-N

Material: Polypropylene

Style: Non Split

Working Temperature: -40°C~ +105°C

Melt Point: 170±10°C

Flammability: Self-extinguishing per FMVSS302,
UL94 V2

Heat aging: Refer to QC/T29106

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PP-N-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PP-N-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PP-N-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PP-N-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PP-N-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PP-N-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PP-N-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PP-N-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PP-N-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PP-N-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PP-N-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PP-N-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PP-N-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

PA Non Split Wire Loom Tubing



Model No.: WL-PA-N

Material: PA6(Polyamide 6)

Style: Non Split

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: Self-extinguishing per FMVSS302,
UL94 V2

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

UV Resistance: Yes

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PA-N-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PA-N-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PA-N-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PA-N-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PA-N-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PA-N-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PA-N-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PA-N-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PA-N-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PA-N-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PA-N-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PA-N-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PA-N-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

PE Split Wire Loom Tubing



Model No.: WL-PE-S

Material: Polyethylene

Style: Split

Working Temperature: -40°C~ +105°C

Melt Point: 135±10°C

Flammability: UL94 HB

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PE-S-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PE-S-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PE-S-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PE-S-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PE-S-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PE-S-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PE-S-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PE-S-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PE-S-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PE-S-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PE-S-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PE-S-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PE-S-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

PP Split Wire Loom Tubing



Model No.: WL-PP-S

Material: Polypropylene

Style: Split

Working Temperature: -40°C~ +105°C

Melt Point: 170±10°C

Flammability: Self-extinguishing per FMVSS302,
UL94 V2

Heat aging: Refer to QC/T29106

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PP-S-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PP-S-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PP-S-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PP-S-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PP-S-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PP-S-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PP-S-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PP-S-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PP-S-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PP-S-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PP-S-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PP-S-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PP-S-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

PA Split Wire Loom Tubing



Model No.: WL-PA-S

Material: PA6(Polyamide 6)

Style: Split

Working Temperature: -40°C~ +125°C

Melt Point: 240±10°C

Flammability: Self-extinguishing per FMVSS302,
UL94 V2

Low temperature impact: Refer to QC/T29106

Certification: ROHS, Reach, Halogen Free

UV Resistance: Yes

Standard Color: Black

Part No	ID (mm)	OD (mm)	Wall Thickness(T) (mm)	Packing Length (m/spool)
WL-PA-S-4.8*7.0	4.8±0.3	7.0±0.3	0.20±0.05	200
WL-PA-S-5.5*8.5	5.5±0.3	8.5±0.3	0.25±0.05	200
WL-PA-S-7.0*10.0	7.0±0.3	10.0±0.3	0.27±0.05	200
WL-PA-S-8.5*11.0	8.5±0.3	11.0±0.3	0.30±0.05	200
WL-PA-S-10.0*13.0	10.0±0.3	13.0±0.3	0.30±0.05	100
WL-PA-S-12.0*15.8	12.0±0.4	15.8±0.4	0.32±0.05	100
WL-PA-S-14.5*18.5	14.5±0.4	18.5±0.4	0.32±0.05	100
WL-PA-S-17.0*21.2	17.0±0.4	21.2±0.4	0.32±0.05	100
WL-PA-S-21.0*25.0	21.0±0.4	25.0±0.4	0.35±0.05	100
WL-PA-S-23.0*28.5	23.0±0.4	28.5±0.4	0.35±0.05	50
WL-PA-S-29.0*34.5	29.0±0.4	34.5±0.4	0.40±0.05	50
WL-PA-S-36.0*42.5	36.0±0.4	42.5±0.4	0.45±0.05	25
WL-PA-S-48.0*54.5	48.0±0.4	54.5±0.4	0.50±0.05	25

Nylon Double Split Wire Loom



Model No.: WL-PA-S-DL

Material: PA

Working Temperature: -40°C~+125°C

Flammability: GB/T 2408-2021, EN45545

Certification: ROHS

Standard Color: Black

Part No	ID (mm)	OD (mm)	Thickness (mm)	Minimum Bend Radius (mm)	Packing Length (m/spool)
WL-PA-S-4.5*7.1-DL	4.5±0.3	7.1±0.3	≥0.10	8	200
WL-PA-S-6.3*10.0-DL	6.3±0.3	10.0±0.3	≥0.10	20	200
WL-PA-S-7.8*11.4-DL	7.8±0.3	11.4±0.3	≥0.10	25	200
WL-PA-S-9.4*13.8-DL	9.4±0.3	13.8±0.3	≥0.10	30	100
WL-PA-S-11.0*16.2-DL	11.0±0.4	16.2±0.4	≥0.15	35	100
WL-PA-S-13.5*19.0-DL	13.5±0.4	19.0±0.4	≥0.15	40	100
WL-PA-S-16.6*22.2-DL	16.6±0.4	22.2±0.4	≥0.15	45	100
WL-PA-S-18.1*24.3-DL	18.1±0.4	24.3±0.4	≥0.20	60	50
WL-PA-S-20.6*26.3-DL	20.6±0.5	26.3±0.5	≥0.20	60	50
WL-PA-S-23.3*29.8-DL	23.3±0.5	29.8±0.5	≥0.25	60	50
WL-PA-S-25.0*31.4-DL	25.0±0.5	31.4±0.5	≥0.25	70	50
WL-PA-S-27.0*34.3-DL	27.0±0.5	34.3±0.5	≥0.25	70	25
WL-PA-S-31.5*41.9-DL	31.5±0.6	41.9±0.6	≥0.30	90	25

Flexible Metal Conduit with PVC Coating



Model No.: **MWL-SSPVC**

Inner Material: **Galvanized Steel Strip**

Outer Material: **PVC**

Working Temperature: **-40°C~ +85°C**

Flammability: **UL94 V2**

Certification: **ROHS**

Standard Color: **Black**

Cutting Tool: **Pliers**

Part No	ID (mm)	OD (mm)	Packing Length (m/spool)
MWL-SSPVC-6.0*9.0	6.0±0.5	9.0±0.5	200
MWL-SSPVC-8.0*11.8	8.0±0.5	11.8±0.5	100
MWL-SSPVC-10.0*14.2	10.0±0.5	14.2±0.5	100
MWL-SSPVC-12.0*16.2	12.0±1.0	16.2±1.0	100
MWL-SSPVC-15.0*20.2	15.0±1.0	20.2±1.0	100
MWL-SSPVC-16.0*21.5	16.0±1.0	21.5±1.0	100
MWL-SSPVC-19.0*24.5	19.0±1.0	24.5±1.0	50
MWL-SSPVC-20.0*25.5	20.0±1.0	25.5±1.0	50
MWL-SSPVC-22.0*27.5	22.0±1.0	27.5±1.0	50
MWL-SSPVC-25.0*31.7	25.0±1.0	31.7±1.0	50
MWL-SSPVC-32.0*39.6	32.0±2.0	39.6±2.0	25
MWL-SSPVC-38.0*46.6	38.0±2.0	46.6±2.0	25
MWL-SSPVC-51.0*59.5	51.0±2.0	59.5±2.0	15
MWL-SSPVC-64.0*73.5	64.0±2.0	73.5±2.0	15
MWL-SSPVC-75.0*84.5	75.0±3.0	84.5±3.0	10
MWL-SSPVC-80.0*89.5	80.0±3.0	89.5±3.0	10
MWL-SSPVC-100.0*109.0	100.0±3.0	109.0±3.0	5

Aluminum Foil Wire Loom



Model No.: WL-AF-N

Material: Aluminum Foil+Glass Fiber

Working Temperature: -40°C~ +250°C

Heat insulation: Refer to SAE J2302

Heat insulation performance: $\geq 80^{\circ}\text{C}$

Oil resistance: Refer to GMW15608

High temperature aging: Refer to GMW15608

Cold flexibility: Refer to GMW15608

Certification: ROHS

Standard Color: Aluminum foil

Part No	ID (mm)	OD (mm)	Packing Length (m/spool)
WL-AF-N-9.0*12.0	9.0 $\pm$ 0.5	12.0 $\pm$ 0.5	1m Cutting length can be cut according to customer's requirements
WL-AF-N-10.5*13.5	10.5 $\pm$ 0.5	13.5 $\pm$ 0.5	
WL-AF-N-11.0*14.0	11.0 $\pm$ 0.5	14.0 $\pm$ 0.5	
WL-AF-N-12.0*15.0	12.0 $\pm$ 0.5	15.0 $\pm$ 0.5	
WL-AF-N-13.0*16.0	13.0 $\pm$ 0.5	16.0 $\pm$ 0.5	
WL-AF-N-14.0*17.0	14.0 $\pm$ 0.5	17.0 $\pm$ 0.5	
WL-AF-N-16.5*19.5	16.5 $\pm$ 0.5	19.5 $\pm$ 0.5	
WL-AF-N-17.5*20.5	17.5 $\pm$ 0.5	20.5 $\pm$ 0.5	
WL-AF-N-18.5*21.5	18.5 $\pm$ 0.5	21.5 $\pm$ 0.5	
WL-AF-N-19.5*22.5	19.5 $\pm$ 0.5	22.5 $\pm$ 0.5	
WL-AF-N-20.5*24.0	20.5 $\pm$ 0.5	24.0 $\pm$ 0.5	
WL-AF-N-21.5*25.0	21.5 $\pm$ 0.5	25.0 $\pm$ 0.5	
WL-AF-N-22.5*26.0	22.5 $\pm$ 0.5	26.0 $\pm$ 0.5	
WL-AF-N-23.5*27.0	23.5 $\pm$ 0.5	27.0 $\pm$ 0.5	
WL-AF-N-24.5*27.5	24.5 $\pm$ 0.5	27.5 $\pm$ 0.5	
WL-AF-N-25.5*29.0	25.5 $\pm$ 0.5	29.0 $\pm$ 0.5	
WL-AF-N-26.5*30.0	26.5 $\pm$ 0.5	30.0 $\pm$ 0.5	
WL-AF-N-27.5*31.0	27.5 $\pm$ 0.5	31.0 $\pm$ 0.5	
WL-AF-N-28.5*32.0	28.5 $\pm$ 0.5	32.0 $\pm$ 0.5	
WL-AF-N-29.5*33.0	29.5 $\pm$ 0.5	33.0 $\pm$ 0.5	
WL-AF-N-30.5*34.0	30.5 $\pm$ 0.5	34.0 $\pm$ 0.5	
WL-AF-N-32.5*36.0	32.5 $\pm$ 0.5	36.0 $\pm$ 0.5	
WL-AF-N-34.0*38.0	34.0 $\pm$ 0.5	38.0 $\pm$ 0.5	
WL-AF-N-35.5*39.0	35.5 $\pm$ 0.5	39.0 $\pm$ 0.5	
WL-AF-N-36.5*40.5	36.5 $\pm$ 0.5	40.5 $\pm$ 0.5	
WL-AF-N-37.5*41.5	37.5 $\pm$ 0.5	41.5 $\pm$ 0.5	
WL-AF-N-40.0*44.0	40.0 $\pm$ 0.5	44.0 $\pm$ 0.5	

PG-Type Nylon Cable Gland



Model No.: CG-PA-PG

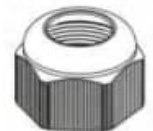
Thread Spec.: PG

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-PG7	PG7	3~6.5	12.5	9	18/16
CG-PA-PG7	PG7	2~5	12.5	9	18/16
CG-PA-PG9	PG9	4~8	15.2	9	22/19
CG-PA-PG9	PG9	2~6	15.2	9	22/19
CG-PA-PG11	PG11	5~10	18.6	9	24/22
CG-PA-PG11	PG11	3~7	18.6	9	24/22
CG-PA-PG13.5	PG13.5	6~11	20.4	10	27/24
CG-PA-PG13.5	PG13.5	5~9	20.4	10	27/24
CG-PA-PG16	PG16	10~13	22.5	10	30/27
CG-PA-PG16	PG16	7~12	22.5	10	30/27
CG-PA-PG19	PG19	12~15	24	10	30/28
CG-PA-PG19	PG19	10~12	24	10	30/28
CG-PA-PG21	PG21	13~18	28.3	12	35/33
CG-PA-PG21	PG21	9~16	28.3	12	35/33
CG-PA-PG25	PG25	16~21	30	12	37/35
CG-PA-PG25	PG25	13~18	30	12	37/35
CG-PA-PG29	PG29	18~25	37	12	45/42
CG-PA-PG29	PG29	13~20	37	12	45/42
CG-PA-PG36	PG36	22~32	47	15	58/52
CG-PA-PG36	PG36	20~26	47	15	58/52
CG-PA-PG42	PG42	32~38	54	18	62/58
CG-PA-PG42	PG42	25~31	54	18	62/58
CG-PA-PG48	PG48	37~44	59.3	18	70/64
CG-PA-PG48	PG48	29~35	59.3	18	70/64
CG-PA-PG63	PG63	42~50	71	30	83/77
CG-PA-PG63	PG63	32~40	71	30	83/77

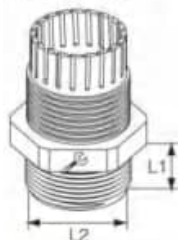
E Sealing Nut



D Seal



C Main Body



B Washer



A Lock Nut



PG-L Extended-Type Nylon Cable Gland



Model No.: CG-PA-PG-L

Thread Spec.: PG

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-PG7-L	PG7	3~6.5	12.5	15	18/16
CG-PA-PG7-L	PG7	2~5	12.5	15	18/16
CG-PA-PG9-L	PG9	4~8	15.2	15	22/19
CG-PA-PG9-L	PG9	2~6	15.2	15	22/19
CG-PA-PG11-L	PG11	5~10	18.6	15	24/22
CG-PA-PG11-L	PG11	3~7	18.6	15	24/22
CG-PA-PG13.5-L	PG13.5	6~11	20.4	15	27/24
CG-PA-PG13.5-L	PG13.5	5~9	20.4	15	27/24
CG-PA-PG16-L	PG16	10~13	22.5	15	30/27
CG-PA-PG16-L	PG16	7~12	22.5	15	30/27
CG-PA-PG19-L	PG19	12~15	24	15	30/28
CG-PA-PG19-L	PG19	10~12	24	15	30/28
CG-PA-PG21-L	PG21	13~18	28.3	15	35/33
CG-PA-PG21-L	PG21	9~16	28.3	15	35/33
CG-PA-PG25-L	PG25	16~21	30	15	37/35
CG-PA-PG25-L	PG25	13~18	30	15	37/35
CG-PA-PG29-L	PG29	18~25	37	15	45/42
CG-PA-PG29-L	PG29	13~20	37	15	45/42
CG-PA-PG36-L	PG36	22~32	47	18	58/52
CG-PA-PG36-L	PG36	20~26	47	18	58/52
CG-PA-PG42-L	PG42	32~38	54	20	62/58
CG-PA-PG42-L	PG42	25~31	54	20	62/58
CG-PA-PG48-L	PG48	37~44	59.3	20	70/64
CG-PA-PG48-L	PG48	29~35	59.3	20	70/64

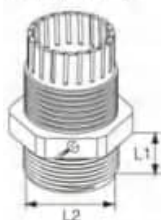
E Sealing Nut



D Seal



C Main Body



B Washer



A Lock Nut



M-Type Nylon Cable Gland



Model No.: CG-PA-M

Thread Spec.: Metric

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-M8	M8x1.25	2.5~4.5	8	8	13/12
CG-PA-M8	M8x1.25	1~2.5	8	8	13/12
CG-PA-M10	M10x1.5	3~6	10	8	15/13
CG-PA-M10	M10x1.5	1.5~3	10	8	15/13
CG-PA-M12	M12x1.5	3~6.5	12	9	18/16
CG-PA-M12	M12x1.5	2~5	12	9	18/16
CG-PA-M16	M16x1.5	4~8	16	9	22/19
CG-PA-M16	M16x1.5	2~6	16	9	22/19
CG-PA-M18	M18x1.5	5~10	18	9	24/22
CG-PA-M18	M18x1.5	3~7	18	9	24/22
CG-PA-M20	M20x1.5	6~12	20	10	27/24
CG-PA-M20	M20x1.5	5~9	20	10	27/24
CG-PA-M22	M22x1.5	10~13	22	10	30/27
CG-PA-M22	M22x1.5	7~12	22	10	30/27
CG-PA-M24	M24x1.5	12~15	24	10	30/28
CG-PA-M24	M24x1.5	10~12	24	10	30/28
CG-PA-M25	M25x1.5	12~15	25	11	31/28
CG-PA-M25	M25x1.5	10~12	25	11	31/28
CG-PA-M27	M27x1.5	13~18	27	12	35/33
CG-PA-M27	M27x1.5	9~16	27	12	35/33
CG-PA-M28	M28x1.5	13~18	28	12	35/33
CG-PA-M28	M28x1.5	9~16	28	12	35/33
CG-PA-M30	M30x1.5	16~21	30	12	37/35
CG-PA-M30	M30x1.5	13~18	30	12	37/35
CG-PA-M32	M32x1.5	16~21	32	12	38/35
CG-PA-M32	M32x1.5	13~18	32	12	38/35
CG-PA-M36	M36x1.5	18~25	36	12	45/42
CG-PA-M36	M36x1.5	13~20	36	12	45/42
CG-PA-M40	M40x1.5	22~32	40	15	52/52
CG-PA-M40	M40x1.5	20~26	40	15	52/52
CG-PA-M46	M46x1.5	22~32	46	15	58/52
CG-PA-M46	M46x1.5	20~26	46	15	58/52
CG-PA-M50	M50x1.5	32~38	50	18	62/58
CG-PA-M50	M50x1.5	25~31	50	18	62/58
CG-PA-M58	M58x1.5	37~44	58	18	70/64
CG-PA-M58	M58x1.5	29~35	58	18	70/64
CG-PA-M63	M63x1.5	37~44	63	18	72/64
CG-PA-M63	M63x1.5	29~35	63	18	72/64
CG-PA-M71	M71x1.5	42~50	71	30	83/77
CG-PA-M71	M71x1.5	32~40	71	30	83/77

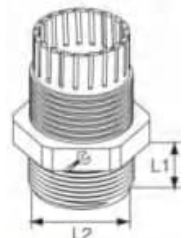
E Sealing Nut



D Seal



C Main Body



B Washer



A Lock Nut



M-L Extended-Type Nylon Cable Gland



Model No.: CG-PA-M-L

Thread Spec.: Metric

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-M12-L	M12x1.5	3~6.5	12	15	18/16
CG-PA-M12-L	M12x1.5	2~5	12	15	18/16
CG-PA-M16-L	M16x1.5	4~8	16	15	22/19
CG-PA-M16-L	M16x1.5	2~6	16	15	22/19
CG-PA-M18-L	M18x1.5	5~10	18	15	24/22
CG-PA-M18-L	M18x1.5	3~7	18	15	24/22
CG-PA-M20-L	M20x1.5	6~11	20	15	27/24
CG-PA-M20-L	M20x1.5	5~9	20	15	27/24
CG-PA-M22-L	M22x1.5	10~13	22	15	30/27
CG-PA-M22-L	M22x1.5	7~12	22	15	30/27
CG-PA-M24-L	M24x1.5	12~15	24	15	30/28
CG-PA-M24-L	M24x1.5	10~12	24	15	30/28
CG-PA-M25-L	M25x1.5	12~15	25	15	31/28
CG-PA-M25-L	M25x1.5	10~12	25	15	31/28
CG-PA-M27-L	M27x1.5	13~18	27	15	35/33
CG-PA-M27-L	M27x1.5	9~16	27	15	35/33
CG-PA-M28-L	M28x1.5	13~18	28	15	35/33
CG-PA-M28-L	M28x1.5	9~16	28	15	35/33
CG-PA-M30-L	M30x1.5	16~21	30	15	37/35
CG-PA-M30-L	M30x1.5	13~18	30	15	37/35
CG-PA-M32-L	M32x1.5	16~21	32	15	38/35
CG-PA-M32-L	M32x1.5	13~18	32	15	38/35
CG-PA-M36-L	M36x1.5	18~25	36	15	45/42
CG-PA-M36-L	M36x1.5	13~20	36	15	45/42
CG-PA-M40-L	M40x1.5	22~32	40	18	52/52
CG-PA-M40-L	M40x1.5	20~26	40	18	52/52
CG-PA-M46-L	M46x1.5	22~32	46	18	58/52
CG-PA-M46-L	M46x1.5	20~26	46	18	58/52
CG-PA-M50-L	M50x1.5	32~38	50	20	62/58
CG-PA-M50-L	M50x1.5	25~31	50	20	62/58
CG-PA-M58-L	M58x1.5	37~44	58	20	70/64
CG-PA-M58-L	M58x1.5	29~35	58	20	70/64
CG-PA-M63-L	M63x1.5	37~44	63	20	72/64
CG-PA-M63-L	M63x1.5	29~35	63	20	72/64

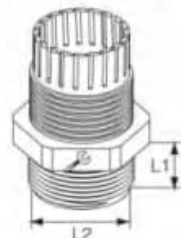
E Sealing Nut



D Seal



C Main Body



B Washer



A Lock Nut



NPT-Type Nylon Cable Gland



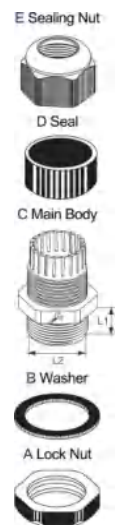
Model No.: CG-PA-NPT

Thread Spec.: NPT

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-NPT3/8"	NPT3/8"	6~10	17.1	15	22
CG-PA-NPT3/8"	NPT3/8"	4~8	17.1	15	22
CG-PA-NPT1/2"	NPT1/2"	8~14	21.3	15	27
CG-PA-NPT1/2"	NPT1/2"	6~11	21.3	15	27
CG-PA-NPT3/4"	NPT3/4"	12~18	26.6	15	33
CG-PA-NPT3/4"	NPT3/4"	10~16	26.6	15	33
CG-PA-NPT1"	NPT1"	18~25	33.5	17	41
CG-PA-NPT1"	NPT1"	16~22	33.5	17	41
CG-PA-NPT1 1/4"	NPT1 1/4"	24~32	42	17	50
CG-PA-NPT1 1/4"	NPT1 1/4"	20~25	42	17	50
CG-PA-NPT1 1/2"	NPT1 1/2"	22~32	48	17	57
CG-PA-NPT1 1/2"	NPT1 1/2"	20~26	48	17	57



G-Type Nylon Cable Gland



Model No.: CG-PA-G

Thread Spec.: G

Material: Parts A, C, E are made of UL approved nylon PA66, Parts B and D are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C; -20°C to 80°C in dynamic state, instantaneous heat resistance up to 100°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-PA-G1/4"	G1/4"	4.5~8	13.1	9	19/19
CG-PA-G1/4"	G1/4"	3~5.3	13.1	9	19/19
CG-PA-G3/8"	G3/8"	6~10	16.6	10	22/22
CG-PA-G3/8"	G3/8"	4~7	16.6	10	22/22
CG-PA-G1/2"	G1/2"	9~14	20.9	10	27/27
CG-PA-G1/2"	G1/2"	6~11	20.9	10	27/27
CG-PA-G3/4"	G3/4"	13~18	26.4	12	33/33
CG-PA-G3/4"	G3/4"	10~16	26.4	12	33/33
CG-PA-G1"	G1"	18~25	33.2	15	43/41
CG-PA-G1"	G1"	15~22	33.2	15	43/41
CG-PA-G1 1/4"	G1 1/4"	24~30	41.9	15	55/50
CG-PA-G1 1/4"	G1 1/4"	20~25	41.9	15	55/50
CG-PA-G1 1/2"	G1 1/2"	31~41	48	20	57/62
CG-PA-G1 1/2"	G1 1/2"	26~32	48	20	57/62
CG-PA-G2"	G2"	44~51	60	20	70/75
CG-PA-G2"	G2"	40~46	60	20	70/75
CG-PA-G3"	G3"	66~77	88	25	110/110
CG-PA-G3"	G3"	58~68	88	25	110/110

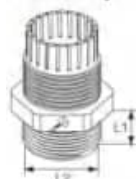
E Sealing Nut



D Seal



C Main Body



B Washer



A Lock Nut



PG-M Type Metal Cable Gland



Model No.: CG-BR-PG

Thread Spec.: PG

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-PG7	PG7	3~6.5	12.5	6	14
CG-BR-PG7	PG7	2~5	12.5	6	14
CG-BR-PG9	PG9	4~8	15.2	7	18
CG-BR-PG9	PG9	2~6	15.2	7	18
CG-BR-PG11	PG11	5~10	18.6	7	20
CG-BR-PG11	PG11	3~7	18.6	7	20
CG-BR-PG13.5	PG13.5	6~12	20.4	7.5	22
CG-BR-PG13.5	PG13.5	5~9	20.4	7.5	22
CG-BR-PG16	PG16	10~14	22.5	7.5	24
CG-BR-PG16	PG16	6~12	22.5	7.5	24
CG-BR-PG21	PG21	13~18	28.3	8	30
CG-BR-PG21	PG21	9~16	28.3	8	30
CG-BR-PG29	PG29	18~25	37	9	40
CG-BR-PG29	PG29	13~20	37	9	40
CG-BR-PG36	PG36	22~33	47	9	50
CG-BR-PG36	PG36	20~26	47	9	50
CG-BR-PG42	PG42	32~38	54	10	57
CG-BR-PG42	PG42	25~31	54	10	57
CG-BR-PG48	PG48	37~44	59.3	11	64
CG-BR-PG48	PG48	29~35	59.3	11	64



PG-LM Extended-Type Metal Cable Gland



Model No.: CG-BR-PG-L

Thread Spec.: PG

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-PG7-L	PG7	3~6.5	12.5	10	14
CG-BR-PG7-L	PG7	2~5	12.5	10	14
CG-BR-PG9-L	PG9	4~8	15.2	10	17
CG-BR-PG9-L	PG9	2~6	15.2	10	17
CG-BR-PG11-L	PG11	5~10	18.6	10	20
CG-BR-PG11-L	PG11	3~7	18.6	10	20
CG-BR-PG13.5-L	PG13.5	6~12	20.4	10	22
CG-BR-PG13.5-L	PG13.5	5~9	20.4	10	22
CG-BR-PG16-L	PG16	10~14	22.5	10	24
CG-BR-PG16-L	PG16	6~12	22.5	10	24
CG-BR-PG21-L	PG21	13~18	28.3	12	30
CG-BR-PG21-L	PG21	9~16	28.3	12	30
CG-BR-PG29-L	PG29	18~25	37	12	40
CG-BR-PG29-L	PG29	13~20	37	12	40
CG-BR-PG36-L	PG36	22~32	47	15	50
CG-BR-PG36-L	PG36	20~26	47	15	50
CG-BR-PG42-L	PG42	32~38	54	15	57
CG-BR-PG42-L	PG42	25~31	54	15	57
CG-BR-PG48-L	PG48	37~44	59.3	15	64
CG-BR-PG48-L	PG48	29~35	59.3	15	64



M-M Type Metal Cable Gland



Model No.: CG-BR-M

Thread Spec.: Metric

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-M12	M12x1.5	3~6	12	6	14
CG-BR-M14	M14x1.5	3~6.5	14	6	17
CG-BR-M16	M16x1.5	4~8	16	7	18
CG-BR-M18	M18x1.5	5~10	18	7	20
CG-BR-M20	M20x1.5	6~12	20	7.5	22
CG-BR-M22	M22x1.5	10~14	22	7.5	24
CG-BR-M24	M24x1.5	10~14	24	8	30
CG-BR-M25	M25x1.5	10~14	25	9	30
CG-BR-M27	M27x1.5(2)	13~18	27	9	30
CG-BR-M30	M30x1.5(2)	13~18	30	10	36
CG-BR-M32	M32x1.5(2)	15~22	32	10	36
CG-BR-M33	M33x1.5(2)	15~22	33	10	36
CG-BR-M36	M36x1.5(2)	18~25	36	10	42
CG-BR-M40	M40x1.5(2)	18~25	40	10	50
CG-BR-M42	M42x1.5(2)	22~30	42	10	50
CG-BR-M48	M48x1.5(2)	25~33	48	10	52
CG-BR-M50	M50x1.5(2)	32~38	50	10	57
CG-BR-M54	M54x1.5(2)	32~38	54	10	57
CG-BR-M60	M60x1.5(2)	37~44	60	11	64
CG-BR-M63	M63x1.5(2)	37~44	63	11	68
CG-BR-M64	M64x1.5(2)	37~44	64	11	68



M-LM Extended-Type Metal Cable Gland



Model No.: CG-BR-M-L

Thread Spec.: Metric

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-M12-L	M12x1.5	3~6.5	12	10	14
CG-BR-M14-L	M14x1.5	3~6.5	14	10	17
CG-BR-M16-L	M16x1.5	4~8	16	10	18
CG-BR-M18-L	M18x1.5	5~10	18	10	20
CG-BR-M20-L	M20x1.5	6~12	20	10	22
CG-BR-M22-L	M22x1.5	10~14	22	10	24
CG-BR-M24-L	M24x1.5	10~14	24	11	30
CG-BR-M25-L	M25x1.5	10~14	25	12	30
CG-BR-M27-L	M27x1.5(2)	13~18	27	12	30
CG-BR-M30-L	M30x1.5(2)	13~18	30	14	36
CG-BR-M32-L	M32x1.5(2)	15~22	32	14	36
CG-BR-M33-L	M33x1.5(2)	15~22	33	14	36
CG-BR-M36-L	M36x1.5(2)	18~25	36	14	42
CG-BR-M40-L	M40x1.5(2)	18~25	40	15	50
CG-BR-M42-L	M42x1.5(2)	22~30	42	15	50
CG-BR-M48-L	M48x1.5(2)	25~33	48	15	52
CG-BR-M50-L	M50x1.5(2)	32~38	50	15	57
CG-BR-M54-L	M54x1.5(2)	32~38	54	15	57
CG-BR-M60-L	M60x1.5(2)	37~44	60	15	64
CG-BR-M63-L	M63x1.5(2)	37~44	63	15	68
CG-BR-M64-L	M64x1.5(2)	37~44	64	15	68



NPT-M Type Metal Cable Gland



Model No.: CG-BR-NPT

Thread Spec.: NPT

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-NPT3/8"	NPT3/8"	4~8	17.1	15	18
CG-BR-NPT3/8"	NPT3/8"	2~6	17.1	15	18
CG-BR-NPT1/2"	NPT1/2"	6~12	21.3	13	22
CG-BR-NPT1/2"	NPT1/2"	5~9	21.3	13	22
CG-BR-NPT3/4"	NPT3/4"	13~18	26.6	15	30
CG-BR-NPT3/4"	NPT3/4"	9~16	26.6	15	30
CG-BR-NPT1"	NPT1"	18~25	33.5	16	40
CG-BR-NPT1"	NPT1"	13~20	33.5	16	40
CG-BR-NPT1 1/4"	NPT1 1/4"	22~33	42	18	50
CG-BR-NPT1 1/4"	NPT1 1/4"	18~25	42	18	50
CG-BR-NPT1 1/2"	NPT1 1/2"	32~38	48	15	57
CG-BR-NPT1 1/2"	NPT1 1/2"	20~26	48	15	57



G-M Type Metal Cable Gland



Model No.: CG-BR-G

Thread Spec.: G

Material: Parts A, C, F are made of brass plated with nickel, part D is made of UL approved nylon PA66, parts B and E are made of Nitrile butadiene rubber (NBR).

Working Temperature: -40°C to 100°C in static state, instantaneous heat resistance up to 120°C.

Part No	Thread Size	Cable Range (mm)	Thread O.D. L2(mm)	Thread Length L1(mm)	Spanner Size A&E(mm)
CG-BR-G1/4"	G1/4"	3~6.5	13.1	8	14
CG-BR-G1/4"	G1/4"	2~5	13.1	8	14
CG-BR-G3/8"	G3/8"	4~8	16.6	15	18
CG-BR-G3/8"	G3/8"	2~6	16.6	15	18
CG-BR-G1/2"	G1/2"	6~12	20.9	13	22
CG-BR-G1/2"	G1/2"	5~9	20.9	13	22
CG-BR-G3/4"	G3/4"	13~18	26.4	15	30
CG-BR-G3/4"	G3/4"	9~16	26.4	15	30
CG-BR-G1"	G1"	18~25	33.2	15	40
CG-BR-G1"	G1"	13~20	33.2	15	40
CG-BR-G1 1/4"	G1 1/4"	18~25	41.9	15	50
CG-BR-G1 1/4"	G1 1/4"	13~20	41.9	15	50
CG-BR-G1 1/2"	G1 1/2"	22~32	48	15	57
CG-BR-G1 1/2"	G1 1/2"	20~26	48	15	57
CG-BR-G2"	G2"	37~44	60	15	64
CG-BR-G2"	G2"	29~34	60	15	64



SM-F Plastic Conduit Connector



Model No.: WLC-PA-F

Material: A, B, E is made with nylon, D With (POM POM), C with nitrile rubber.

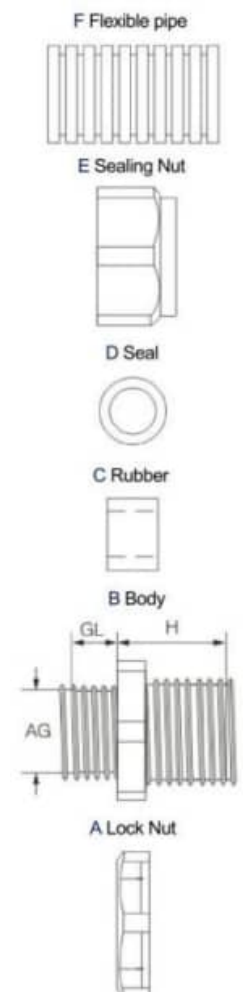
Working Temperature: Metric/PG/G thread

Structure: -40°C ~ + 100°C, Short time up to 120°C.

Color: Black (special color can be customized)

Protection Class: IP65

Part No	Suitable Flexible Pipe	Dimension Metric/PG/G Of Thread	AG Outer Diameter (mm)	AG Inner Diameter (mm)	GL (mm)	H
WLC-PA-F-M12	AD10	M12x1.5	12	8	8	19
WLC-PA-F-M12	AD13	M12x1.5	12	8	8	19
WLC-PA-F-M16	AD13	M16x1.5	16	10	10	20
WLC-PA-F-M18	AD13	M18x1.5	18	13	10	20
WLC-PA-F-M16	AD15.8	M16x1.5	16	10	10	20
WLC-PA-F-M18	AD15.8	M18x1.5	18	13	10	20
WLC-PA-F-M20	AD15.8	M20x1.5	20	16	10	20
WLC-PA-F-M20	AD18.5	M20x1.5	20	16	10	20
WLC-PA-F-M20	AD21.2	M20x1.5	20	16	10	20
WLC-PA-F-M24	AD21.2	M24x1.5	24	20	10	20
WLC-PA-F-M25	AD21.2	M25x1.5	25	21	15	25
WLC-PA-F-M25	AD25	M25x1.5	25	21	15	25
WLC-PA-F-M25	AD28.5	M25x1.5	25	21	15	25
WLC-PA-F-M27	AD28.5	M27x2	27	21	15	25
WLC-PA-F-M30	AD28.5	M30x2	30	21	15	25
WLC-PA-F-M32	AD28.5	M32x1.5	32	26	15	30
WLC-PA-F-M32	AD34.5	M32x1.5	32	26	15	30
WLC-PA-F-M36	AD34.5	M36x2	36	28	15	32
WLC-PA-F-M40	AD34.5	M40x1.5	40	35	15	40
WLC-PA-F-M40	AD42.5	M40x1.5	40	35	15	40
WLC-PA-F-M48	AD42.5	M48x2	48	38	15	40
WLC-PA-F-M50	AD54.5	M50x1.5	50	44	18	42
WLC-PA-F-M60	AD54.5	M60x2	60	55	18	42
WLC-PA-F-PG7	AD10	PG7	12.5	8.5	8	20
WLC-PA-F-PG9	AD13	PG9	15.2	11	8	20
WLC-PA-F-PG11	AD15.8	PG11	18.6	14	10	20
WLC-PA-F-PG13.5	AD15.8	PG13.5	40.4	16	10	20
WLC-PA-F-PG13.5	AD18.5	PG13.5	40.4	16	10	20
WLC-PA-F-PG16	AD21.2	PG16	22.5	17	10	20
WLC-PA-F-PG21	AD28.5	PG21	28.3	23	14	25
WLC-PA-F-PG29	AD34.5	PG29	37	31	14	35
WLC-PA-F-PG36	AD42.5	PG36	47	40	15	40
WLC-PA-F-PG48	AD54.5	PG48	59.3	51	20	44
WLC-PA-F-G1/2"	AD21.2	G1/2"	20.4	15	10	25
WLC-PA-F-G3/4"	AD28.5	G3/4"	26	21	15	25
WLC-PA-F-G1"	AD34.5	G1/4"	33	26	15	30



SM Series Hose Quick Connector



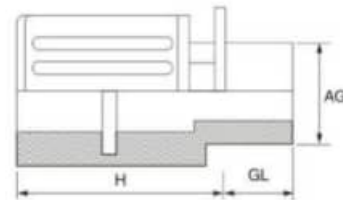
Model No.: WLC-PA-SM

Material: PA (polyamide), the outer fastening ring: polyformaldehyde (POM).

Specification Of Thread: Metric/PG/G thread

Structure: -40°C+110°C

Color: Black (Other colors are customizable)



Part No	Suitable Flexible Pipe	Dimension Metric/PG/G Of Thread	AG Outer Diameter (mm)	AG Inner Diameter (mm)	GL (mm)	H
WLC-PA-SM-M12	AD10	M12x1.5	12	8	10	18
WLC-PA-SM-M16	AD10	M16x1.5	16	10	10	19
WLC-PA-SM-M16	AD13	M16x1.5	16	10	10	19
WLC-PA-SM-M18	AD15.8	M18x1.5	18	12	10	23
WLC-PA-SM-M16	AD15.8	M16x1.5	16	10	10	23
WLC-PA-SM-M20	AD18.5	M20x1.5	20	14.3	12	25
WLC-PA-SM-M20	AD21.2	M20x1.5	20	17	13	27
WLC-PA-SM-M24	AD21.2	M24x1.5	24	17	13	27
WLC-PA-SM-M25	AD25	M25x1.5	25	19.5	14	30
WLC-PA-SM-M25	AD28.5	M25x1.5	25	22	20	30
WLC-PA-SM-M27	AD28.5	M27x2	27	22	14	33
WLC-PA-SM-M32	AD34.5	M32x1.5	32	26	20	35
WLC-PA-SM-M36	AD34.5	M36x2	36	29	14	35
WLC-PA-SM-M48	AD42.5	M48x2	48	36.5	15	38.5
WLC-PA-SM-M60	AD54.5	M60x2	60	53	16	39
WLC-PA-SM-PG7	AD10	PG7	12.3	8	10	18
WLC-PA-SM-PG9	AD13	PG9	15	10	10	19
WLC-PA-SM-PG11	AD15.8	PG11	18.4	12.5	10	23
WLC-PA-SM-PG13.5	AD18.5	PG13.5	20.2	14.3	12	25
WLC-PA-SM-PG16	AD21.2	PG16	22.3	17	13	27
WLC-PA-SM-PG21	AD28.5	PG21	28	22	14	33
WLC-PA-SM-PG29	AD34.5	PG29	36.7	29	14	35
WLC-PA-SM-PG36	AD42.5	PG36	46.7	36.5	15	38.5
WLC-PA-SM-PG48	AD54.5	PG48	59	53	16	39
WLC-PA-SM-G3/4"	AD25	G 3/4"	26	19.5	14	30
WLC-PA-SM-G1"	AD34.5	G 1"	33	26	20	35

SM-G Series Plastic Hose Waterproof Joint



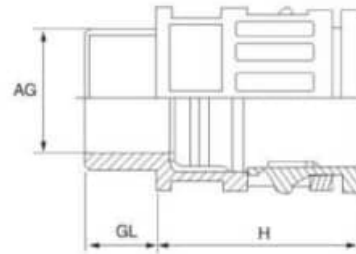
Model No.: WLC-PA-G

Material: PA (polyamide)

Specification Of Thread: Metric/PG/G thread

Working temperature: -40°C - + 100°C

Color: Black (Other colors are customizable)



Part No	Suitable Flexible Pipe	Dimension Metric/PG/G Of Thread	AG Outer Diameter (mm)	AG Inner Diameter (mm)	GL (mm)	H
WLC-PA-G-M12	AD10	M12x1.5	12	6.5	10	22.5
WLC-PA-G-M12	AD13	M12x1.5	12	8	10	26
WLC-PA-G-M16	AD13	M16x1.5	16	10	10	23
WLC-PA-G-M18	AD13	M18x1.5	18	10	11.5	23
WLC-PA-G-M20	AD13	M20x1.5	20	10	11.5	23
WLC-PA-G-M16	AD15.8	M16x1.5	16	12	10	24
WLC-PA-G-M18	AD15.8	M18x1.5	18	12	11.5	24
WLC-PA-G-M20	AD15.8	M20x1.5	20	12	11.5	24
WLC-PA-G-M20	AD18.5	M20x1.5	20	14.3	12	25.5
WLC-PA-G-M20	AD21.2	M20x1.5	20	17	13	27
WLC-PA-G-M24	AD21.2	M24x1.5	24	17	13	27
WLC-PA-G-M25	AD21.2	M25x1.5	25	17	13	27
WLC-PA-G-M25	AD25	M25x1.5	25	20	14	30
WLC-PA-G-M25	AD28.5	M25x1.5	25	23	20	34
WLC-PA-G-M27	AD28.5	M27x2	27	23	14	34
WLC-PA-G-M30	AD28.5	M30x2	30	22	11	33
WLC-PA-G-M32	AD28.5	M32x1.5	32	25	14	33
WLC-PA-G-M32	AD34.5	M32x1.5	32	29	20	36
WLC-PA-G-M36	AD34.5	M36x2	36	29	14	36
WLC-PA-G-M40	AD34.5	M40x1.5	40	29	15	38.5
WLC-PA-G-M40	AD42.5	M40x1.5	40	36	15	38.5
WLC-PA-G-M48	AD42.5	M48x2	48	36	15	38.5
WLC-PA-G-M50	AD54.5	M50x1.5	50	38	16	39
WLC-PA-G-M60	AD54.5	M60x2	60	53	16	39
WLC-PA-G-M63	AD54.5	M63x1.5	63	53	16	39
WLC-PA-G-PG7	AD10	PG7	12.3	6.5	11.5	18
WLC-PA-G-PG9	AD13	PG9	15	10	11.5	19
WLC-PA-G-PG11	AD15.8	PG11	18.4	12	12	23
WLC-PA-G-PG13.5	AD15.8	PG13.5	20.2	14.3	12	25
WLC-PA-G-PG13.5	AD18.5	PG13.5	20.2	14.3	12	25
WLC-PA-G-PG16	AD21.2	PG16	22.3	17	13	27
WLC-PA-G-PG21	AD28.5	PG21	28	23	13	33
WLC-PA-G-PG29	AD34.5	PG29	36.7	29	15	35
WLC-PA-G-PG36	AD42.5	PG36	46.7	36	15	38.5
WLC-PA-G-PG48	AD54.5	PG48	59	53	16	39
WLC-PA-G-G1/2"	AD21.2	G1/2"	20.9	17	13	27
WLC-PA-G-G1/2"	AD25	G1/2"	20.9	20	14	30
WLC-PA-G-G3/4"	AD28.5	G3/4"	26	23	14	34
WLC-PA-G-G1"	AD34.5	G1"	33	29	14	36

BG Series Corrugated Pipe Joint

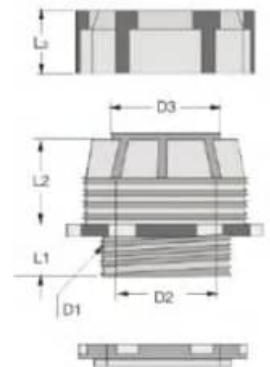


Model No.: WLC-PA-BG

Material: PA66 approved by UL, 94V-2

Color: White, Black ,Grey

Part No	D1 (mm)	D1 (mm)	D1 (mm)	D1 (mm)	D1 (mm)	D1 (mm)	Suitable Flexible Pipe
WLC-PA-BG-10	14.4	6.3	7.5	9.7	18.5	15.9	BG-10P
WLC-PA-BG-16	15.9	11	10.8	10	17.9	15.7	BG-16P
WLC-PA-BG-18	16	11.1	13.3	9.7	18.6	15.9	BG-18P(3/8")
WLC-PA-BG-20	19.2	15	14.7	10	17.7	16	BG-20P
WLC-PA-BG-22	20	15.4	17.2	9.8	17.6	16.3	BG-22P(1/2")
WLC-PA-BG-26	25	18.9	19.8	11.4	23.6	20.6	BG-26P(3/4")
WLC-PA-BG-32	31.2	26	24.3	12	22.8	20.6	BG-32P
WLC-PA-BG-34	32	26.8	28.6	11.3	23.3	20.7	BG-34P(1")
WLC-PA-BG-40	37.5	31.5	31.6	11.3	23.6	20.7	BG-40P
WLC-PA-BG-42	40	32.7	34.8	11.5	23.3	20.8	BG-42P(1")
WLC-PA-BG-48	44	37.5	40.5	12.6	22.3	20.7	BG-48P
WLC-PA-BG-50	44	37.5	39.5	12.6	21.6	20.7	BG-50P





Standard Back to Back Hook and Loop
Size: 10mm~50mm
Available Color: Black,White,Red, Yellow, Blue,Green



Plastic Hook Back to Back Hook and Loop
Size: 10mm~50mm
Available Color: Black,White,Red, Yellow,Blue, Green



Adhesive Hook and Loop
Size: 10mm~100mm
Standard Color: Black,White



Hook And Loop Cable Tie
Size: Custom Size
Available Color: Black,White,Red, Yellow,Blue,Green



Hook And Loop Cinch Strap
Size: Custom Size
Available Color: Black,White,Red, Yellow,Blue,Green



Hook And Loop Strap
Size: Custom Size
Standard Color: Black



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For more product information, please visit the official website.

Due to continuous product iteration and upgrades, please refer to the latest Data Sheet for specific parameters.