JDDTECH®
JDDFLEX

Braiding wisdom, creating value

Professional and leading manufacturer of cable sleeving

▸▸ Company Introduction

Shenzhen Jddtech Co.,Ltd. is a leading manufacturer of braided sleeves and monofilament in China, we are in the market from 2004.

Our factory is located in Shenzhen, China, near Hongkong,we are certificated ISO9001 and ISO/TS16949.

Many of our products can meet RoHS , UL, CSA, Halogen Free and Reach standards.

Our factory covers an area of 7, 000 square meters, We have about 200 automatic high-speed machines, 3 precise monofilament production lines, and we have about 140 workers.

Our capability for month is about 6,000,000 meters of our sleeves.

we have a strong R&D department able to develop many new products in according to the needs of our customers and different markets, we have a good market share in electrical filed, railway, military, pannel board and automotive

In our range, you can find polyester V2, V0, PPS, and nylon 6.6 sleeve, slef-closing sleeve, zipper sleeve, wrap band, heat-shrinkable tubes, silicone fiberglass sleeve and various monofilament in PET flame-retardant, nylon 6.6.

we have a strict Quality Department and internal laboratory to test our material and finish products.

Our goal is to be a loyal and longterm partner for our customers all around the World, now our main markets are USA, India, Brazil, China and Europe, including Germany, Italy, Turkey.

We have some famous worldwide customers in automotive, panel board, wiring accessories field.

Waiting for your inquiries, hoping to join your Company to expand the World.

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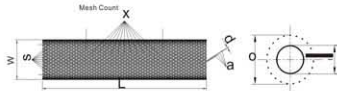
Insulating sleeving and tubing

Polyester expandable sleeving

Application

Its mainly used to cover cables, wire harnesses ,tubes, industrial hoses where is required an good mechanicac protection.

Drawing

JDD-FR polyester expandable sleeving is flame-retardant and halogen-free. It offers durable abrasion resistance in a wide range of industrial applications. The open weave construction allows an easy installation on a bundle of hoses and cables, even if some with bulky or large connectors.

Totally expanded the sleeving can reach at least one point five times than the initial dimension.

RoHS Compliant

Technical data	
Material	Polyester
Operating range	- 50℃ - +150℃
Melt point	250±5℃
Flammability	VW-1
Standard color	Black and grey
Certificate	UL, CSA, RoHS, PFOS, REACH, Halogen Free
Cutting tool	Hot knife

Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	FR-003	1	6	1000m
1/4"	6	FR-006	3	9	500 m
5/16"	8	FR-008	5	16	350 m
3/8"	10	FR-010	7	19	350 m
1/2"	12	FR-012	8	24	300 m
5/8"	15	FR-016	10	27	250 m
3/4"	20	FR-019	14	30	200 m
1"	25	FR-025	18	35	200 m
1-1/4"	30	FR-032	20	50	150 m
1-1/2"	40	FR-038	30	60	100 m
1-3/4"	45	FR-045	35	75	100 m
2"	50	FR-050	40	80	100 m
2-1/2"	64	FR-064	45	105	100 m
3"	76	FR-076	64	120	100 m

Unit: mm

Notes:
1.Nominal size indicates the flat width.
2.The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3.This sleeving has expandable character, the following sizes
  are covered by the nearest:16 mm =15 mm, 19 mm =20 mm, 32 mm =30 mm,38 mm =40 mm, 51 mm =50 mm.
4.Special packages, sizes, and colors can be supplied upon request.
5.All numerical data are average or typical value, not including customized sizes.

Cable sleeving

## Polyester high flame-retardant expandable sleeving

Application

It is widely used to cover the wires, cables, wire harnesses, pipes and industrial hoses where additional protection and high flame retardant are required.t

JDD-HFR high flame-retardant braided expandable sleeving is manufactured from modified polyester monofilament which is up to the standard UL94 V-0 not only provide excellent flame retardant properties but also has durable abrasion resistance.

Drawing
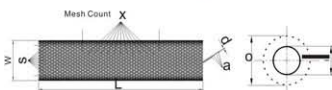
Mesh Count X

	Datasheet			
Nominal size (W)		**Part No.**	**Expanded range**		**Packing (L)**
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	HFR-003	1	6	1000m
1/4"	6	HFR-006	3	9	500m
5/16"	8	HFR-008	5	16	350m
3/8"	10	HFR-010	7	19	350m
1/2"	12	HFR-012	8	24	300m
5/8"	15	HFR-015	10	27	250m
3/4"	20	HFR-020	14	30	200m
1"	25	HFR-025	18	35	200m
1-1/4"	30	HFR-030	20	50	150m
1-1/2"	40	HFR-040	30	60	100m
1-3/4"	45	HFR-045	35	75	100m
2"	50	HFR-050	40	80	100m
2-1/2"	64	HFR-064	45	105	100m
3"	76	HFR-076	64	120	100m

Unit: mm

RoHS Compliant

Technical data

Material	Polyester Monofilament
Operating Temperature	-50℃~150℃
Melt point	230℃
Flammability	UL94 V-0
Standard color	Black
Cutting tool	Scissor and hot knife
Approval	RoHS

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character , the following sizes are covered by the nearest:16 mm =15 mm, 19 mm =20 mm, 32 mm =30 mm,38 mm =40 mm, 51 mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request.
5. All numerical data are average or typical value, not including customized sizes.
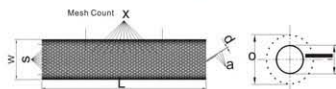
Application

It is typically used for high grade A/V cables, HDMI cables and power supply.

Drawing

JDD-FRH expandable sleeving offers an excellent protection in many industrial applications and also can provide an agreeable personalization and identification of the brand.

Its possible to realize a wide range of patterns and colors upon request.

RoHS Compliant

Technical data	
Material	Polyester
Operating range	-50℃ - +150℃
Melt point	250±5℃
Flammability	VW-1
Standard color	Black and grey
Certificate	UL, CSA, RoHS, PFOS, REACH, Halogen Free
Cutting tool	Hot knife

Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	FRH-003	1	6	1000m
1/4"	6	FRH-006	3	9	500 m
5/16"	8	FRH-008	5	16	350 m
3/8"	10	FRH-010	7	19	350 m
1/2"	12	FRH-012	8	24	300 m
5/8"	15	FRH-016	10	27	250 m
3/4"	20	FRH-019	14	30	200 m
1"	25	FRH-025	18	35	200 m
1-1/4"	30	FRH-032	20	50	150 m
1-1/2"	40	FRH-038	30	60	100 m
1-3/4"	45	FRH-045	35	75	100 m
2"	50	FRH-050	40	80	100 m
2-1/2"	64	FRH-064	45	105	100 m
3"	76	FRH-076	64	120	100 m

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character, the following sizes are covered by the nearest: 16 mm =15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm =40 mm, 51 mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request.
5. All numerical data are average or typical value, not including customized sizes.

PPS expandable sleeving

Application

It is used mainly in the following fields: automotive, railways, aerospace, telecom and military where are required high characteristics for flame-retardancy and high temperature resistance.
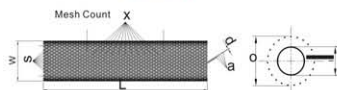
JDD-PPS expandable braided sleeving is made of PolyPhenylene Sulfide (PPS) monofilament UL94 V-0. It is commonly used in high temperature environments. It has high abrasion resistance, chemical resistance, high temperature stability, low moisture absorption, excellent dimensional stability.

Drawing

Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	PPS-003	1	6	1000m
1/4"	6	PPS-006	3	9	500 m
5/16"	8	PPS-008	5	16	350 m
3/8"	10	PPS-010	7	19	350 m
1/2"	12	PPS-012	8	24	300 m
5/8"	15	PPS-016	10	27	250 m
3/4"	20	PPS-019	14	30	200 m
1"	25	PPS-025	18	35	200 m
1-1/4"	30	PPS-032	20	50	150 m
1-1/2"	40	PPS-038	30	60	100 m
1-3/4"	45	PPS-045	35	75	100 m
2"	50	PPS-050	40	80	100 m
2-1/2"	64	PPS-064	45	105	100 m
3"	76	PPS-076	64	120	100 m

Unit: mm

Technical data

Material	PPS (Polyphenylene sulfide)
Operating range	- 70℃ - + 200℃
Melt point	285℃
Flammability	UL 94V-0
Standard color	Black and grey
Cutting tool	Hot Knife
Certified	RoHS
Other features	Acids, solvents and fuels resistant

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character, the following sizes are covered by the nearest: 16 mm= 15 mm, 19 mm =20 mm, 32 mm =30 mm,38 mm =40 mm, 51 mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request.
5. All numerical data are average or typical value, not including customized sizes.

Cable sleeving

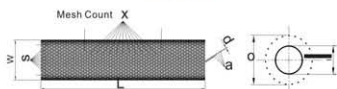## Nylon expandable sleeving

Application

Most commonly used to protect wire harnesses, cable assemblies, air conditioned pipes, fluid pipes in automotive, aerospace and military applications.

JDD- PA braided sleeving is made of nylon 6.6 and offers excellent performance of abrasion resistance.
It maintains a high degree of flexibility and it can resists to many chemicals agents. Uniquely shaped monofilament provides smooth, soft, slick surface resisting snags when dragged over rough surface.

Drawing

RoHS Compliant

Technical data

Material	Polyamide 6.6
Operating range	- 60℃- +160℃
Melt point	256℃
Flammability	VW-1
Certificate	RoHS
Standard color	Black and grey
Cutting tool	Hot knife

Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	PA-003	1	6	1000m
1/4"	6	PA-006	3	9	500 m
5/16"	8	PA-008	5	16	350 m
3/8"	10	PA-010	7	19	350 m
1/2"	12	PA-012	8	24	300 m
5/8"	15	PA-016	10	27	250 m
3/4"	20	PA-019	14	30	200 m
1"	25	PA-025	18	35	200 m
1-1/4"	30	PA-032	20	50	150 m
1-1/2"	40	PA-038	30	60	100 m
1-3/4"	45	PA-045	35	75	100 m
2"	50	PA-050	40	80	100 m
2-1/2"	64	PA-064	45	105	100 m
3"	76	PA-076	64	120	100 m

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character, the following sizes are covered by the nearest: 16 mm =15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm =40 mm, 51 mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request.
5. All numerical data are average or typical value, not including customized sizes.

Cable sleeving

## Nylon multifilament braided sleeving

JDD-PAM is braided from tight woven nylon multifilament yarn, and it is a good system to protect and improve the appearance of wires and cables. It offers extremely flexible, high abrasion resistance and good resistance to acids and most alkalis.

Application

Most commonly used over wires, wire bundles and harnesses, cable assemblies, tubes and hoses to. provide a tough, durable protection in automotive, marine and military industry.

Drawing
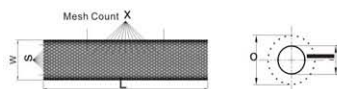
Datasheet				
Part No.	Nominal size (W)	Expanded range Min.(I)	Max.(O)	Packing (L)
PAM-003	3	2	8	350m
PAM-006	6	4	11	350m
PAM-008	8	5	13	350m
PAM-010	10	6	15	350m
PAM-012	12	8	17	300m
PAM-016	16	10	21	250m
PAM-019	19	12	24	200m
PAM-023	23	15	28	200m
PAM-025	25	16	30	200m
PAM-032	32	20	37	150m
PAM-038	38	24	43	100m
PAM-050	50	32	55	100m
PAM-063	63	40	68	100m

Unit: mm

RoHS Compliant

Technical data

Material	Polyamide
Operating range	- 60℃- +160℃
Melt point	256℃
Flammability	VW-1
Certificate	RoHS
Standard color	Black
Cutting tool	Hot knife

Notes:
1.Nominal size indicates the flat width.
2.The part No. will be followed with BK, GR and so on to indicate the color of sleeving.
3.This sleeving has expandable character, the following sizes are covered by the nearest:16 mm =15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm =40 mm, 51 mm =50 mm.
4.Special packages, sizes, and colors can be supplied upon request.
5.All numerical data are average or typical value, not including customized sizes.

Cable wrap

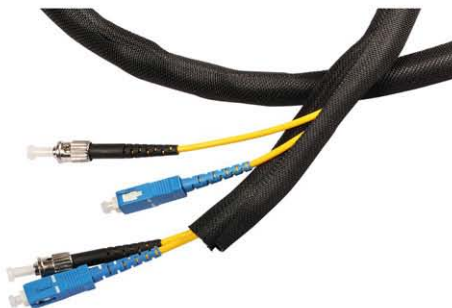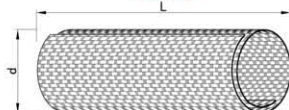## Self-closing wrap

Application

Most commonly used over wire harnesses, cable assemblies, flat ribbon cables, tubes and hoses to provide a tough, durable protection in automotive, automatic equipment, railways and panel boards.

Drawing

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JDD-SCS self-closing wrap is a non-expandable sleeving woven from monofilament (weft) and multifilament (warp) polyester yarns. It provides a lightweight, cost-effective and tough solution for the protection of a wide range of components. Its inherent flexibility allows it to bend, coil and conform to irregular shapes, while its open design allows it to be installed on completed assemblies.

RoHS Compliant

Technical data

Material	Polyester monofilament and multifilament
Operating range	- 50℃ - +150℃
Melt point	250℃ ±5
Flammability	VW-1
Certificate	RoHS, Halogen free
Standard color	Black and grey
Cutting tool	Scissors

Datasheet			
Part No.	Size (d)	Max. bundle Dia.	Packing (L)
SCS-005	5.0	6.0	100m
SCS-008	8.0	9.0	100 m
SCS-010	10.0	11.0	100 m
SCS-013	13.0	14.0	50 m
SCS-019	19.0	20.0	25 m
SCS-025	25.0	27.0	25 m
SCS-029	29.0	31.0	25 m
SCS-032	32.0	34.0	25 m
SCS-038	38.0	40.0	25 m
SCS-050	50.0	52.0	25 m

Unit: mm

Notes:
1.The part No. will be followed by BK, GR and so on to indicate the color of wrap.
2.Special packages, sizes and colors can be supplied upon request.
3.All numeric data shows average or typical values, not including customized sizes.

Cable wrap

Self-closing braided wrap

Application

Its ideal for application in wire harness, automatic equipment, railways, general manufacturing industry where wires and tubes need a tough and durable protection.
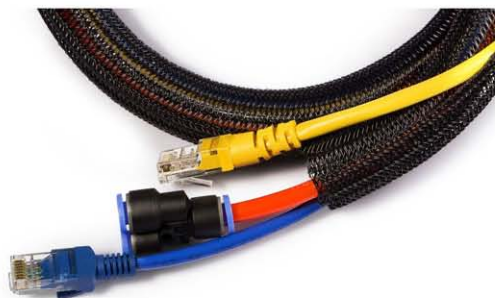
JDD-SCW self-closing wrap offers innovative solutions for the protection of breakout areas and provides easy removal when is necessary an inspection or maintenance of cables. The special open structure allows to be installed after other components, for example copper terminals and connectors. A strong resilience protects wires and cables and meanwhile provides exceptional abrasion and flame resistance.

Drawing

Overlap

25%

d

L

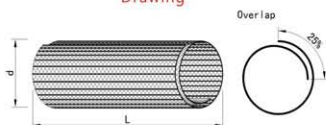| Datasheet				
Part No.	I.D (d)	Overlap (%)	Max. bundle Dia.	Packing(L)
SCW-003	3		4	200 m/spool
SCW-006	6		7	200 m/spool
SCW-009	9		10	100 m/spool
SCW-013	13		14	50 m/spool
SCW-019	19	25%	20	25 m/spool
SCW-025	25		26	25 m/spool
SCW-032	32		33	25 m/spool
SCW-038	38		40	25 m/spool
SCW-050	50		52	25 m/spool

Unit: mm

RoHS Compliant

Technical data	
Material	Polyester
Operating range	-50℃-+150℃
Melt point	250±5℃
Flammability	VW-1
Standard color	Black
Certificate	RoHS, Halogen Free
Cutting tool	Hot knife

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of wrap.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Velcro multifilament wrap

Application

It is widely used in industrial machinery, electrical appliances, shipbuilding, railway vehicles, aerospace industry and automotive sector.

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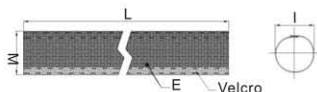
JDD-PVTW Velcro multifilament wrap is a non-expandable sleeving woven from polyester multifilament yarns. It has lightweight, high strength, excellent flame and abrasion resistance. The product can be easily wrapped and closed over the cable bundle.
It can be re-open rapidly to permit cables to be added or removed, and breakouts can be made simply by bringing cables out through Velcro.

RoHS Compliant

Technical data	
Wrap material	Polyester
Velcro material	Polyamide
Operating range	-50℃ - +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black, white, grey
Certificate	RoHS, Halogen free
Cutting tool	Hot knife

Datasheet			
Part No.	I.D (I)	Spread width (W)	Packing (L)
PVTW-20	20	80	50 m/roll
PVTW-25	25	95	
PVTW-30	30	115	
PVTW-35	35	130	
PVTW-40	40	146	25 m/roll
PVTW-45	45	162	
PVTW-50	50	178	

Unit: mm

Notes:
1. I.D indicates round inner diameter. Nominal size indicates the flat width.
2. The part No. will be followed by BK, WH, GR and so on to indicate the color of wrap.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data are average or typical value, not including customized sizes.

Cable wrap

Velcro braided wrap

Application

Velcro braided wrap is widely used for management of A/V cables and power cord in home theater, computer, TV support and so on.

JDD-VCW Velcro braided wrap can help to create a tidy and well-regulated environment. It can be easily wrapped and closed over the cables. It can be re-opened rapidly to manage cables to be added or removed, and breakouts can be made simply by bringing cables out through Velcro. Open weave design easily conforms to many irregular shapes.

Drawing
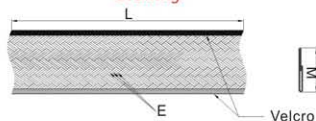
Datasheet				
Part No.	Nominal size	Velcro width	Max. bundle dia	Packing(L)
VCW-013	13	10	8	50 m/roll
VCW-019	19	10	12	50 m/roll
VCW-032	32	20	20	50 m/roll
VCW-051	51	20	32	50 m/roll
VCW-064	64	20	40	50 m/roll

Unit : mm

RoHS Compliant

Technical data	
Wrap material	Polyester
Velcro material	Polyamide
Operating range	-50℃ - +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black, white, grey
Certificate	RoHS , Halogen free
Cutting tool	Hot knife

Notes:
1. I.D indicates round inner diameter. Nominal size indicates the flat width.
2. The part No. will be followed by BK, WH, GR and so on to indicate the color of wrap.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data are average or typical value, not including customized sizes.

Application

It is widely used in most industrial areas, office, high traffic fields to protect the lying wire and cable away from the damage.

Drawing

JDD-DHS double hook wrap consist of polyester multifilament and nylon velcro. It's a good idea for fixing and protecting the wire and cable which are exposed in carpeted area. The especial construction makes it easy to remove from the wire and cable. This kind of product can offer excellent abrasion resistance.

RoHS Compliant

Technical data

Material	Polyester multifilament
Operating Temperature	- 50℃ - +150℃
Melting point	230℃
Flammability	VW-1
Standard color	Black
Cutting tool	Scissor and hot knife
Approval	RoHS

Datasheet			
Part No.	Nominal size (W)	Wall Thinckness (T)	Packing (L)
DHS-076	76	0.7	25 m/roll
DHS-100	100	0.7	25 m/roll

Unit: mm

Notes:
1. I.D indicates round inner diameter. Nominal size indicates the flat width.
2. The part No. will be followed by BK, WH, GR and so on to indicate the color of wrap.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data are average or typical value, not including customized sizes.

Cable wrap

Zipper multifilament wrap

Application

Most commonly used over wires, wire bundles and harnesses, computer power cords, tubes and hoses to provide a tough, durable protection in several industrial fields.

JDD-PZTW zipper multifilament wrap firstly has the same function as zipper braided wrap, easy to be installed and uninstalled and excellent anti-abrasion performance, but furthermore offers better dust resistance due to tight weaving construction. This kind of sleeving can provide many variety of sizes to accommodate any harnessing and cable management application owing to its flexibility.

Drawing
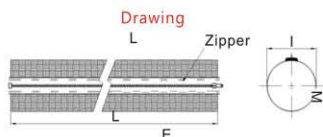
Datasheet				
Part No.	I.D (I)	Spread width	Max. bundle Dia.	Packing (L)
PZTW-25	25	88	27	
PZTW-30	30	104	32	
PZTW-35	35	120	37	50 m/roll
PZTW-40	40	135	42	
PZTW-45	45	151	47	
PZTW-50	50	170	52	25 m/roll
PZTW-60	60	198	62	

Unit: mm

RoHS Compliant

Technical data

Wrap material	Polyester multifilament
Operating range	- 50℃- +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black, grey, white
Certificate	RoHS, Halogen free

Notes:
1.I.D indicates the round inner diameter. Nominal size indicates the flat width.
2.Spread Width means the opened wrap dimension.
3.The part No. will be followed by BK, GR, WH and so on to indicate the color of wrap.
4.Special packages, sizes and colors can be supplied upon request.
5.All numeric data shows average or typical values, not including customized sizes.

Application

Most commonly used over wires, wire bundles and wire harnesses, cable assemblies, flat ribbon cable, tubing and hoses to provide a tough, durable protection in home, office, railway.
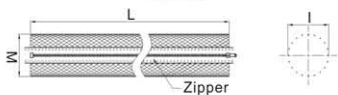
JDD-ZW can install a sleeving on the cable easily just like to close your coat with a zipper, zipper braided wrap can offer this solution for you. It can offer an additional protection against flame and abrasion. It allows to Install or uninstall wires and cables very quickly and easily due to its special structure.

Drawing

L

M

Zipper

I

RoHS
Compliant

Technical data	
Material	Polyester
Operating range	-50℃-150℃
Melt point	230℃ ±5
Standard color	Black
Flammability	VW-1
Certificate	RoHS, Halogen free

Datasheet			
Part No.	Nominal size (W)	Max. bundle Dia. (I)	Packing (L)
ZW-12	12	8	
ZW-20	20	15	
ZW-30	30	20	On request
ZW-50	50	35	
ZW-64	64	45	

Unit: mm

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of tube.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Cable wrap

Silent braided wrap

Most commonly used over wires harnesses, cable assemblies, flat ribbon cable, tubing and hoses providing a tough, durable protection and a reduced noise level in the automotive applications, railway, industrial machinery and similar fields.

JDD-SSCW silent braided wrap is woven by Polyester monofilament and Polyester multifilament. The special structure offers excellent reduction of noise. Side-entry design makes it easy to install, remove and reuse for wire harnesses or cables, especially where it is installed in difficult areas to reach such as door panels or dashboards. This kind of sleeving achieves the same protection function as other common expandable sleeving products adding the noise reduction.

Drawing

Overlap

d

L

25%

Datasheet				
Part No.	I.D (d)	Overlap (%)	Max. bundle Dia.	Packing(L)
SSCW-005	5		6	200 m/spool
SSCW-009	9		10	100 m/spool
SSCW-013	13	25%	14	50 m/spool
SSCW-019	19		20	25 m/spool
SSCW-025	25		26	25 m/spool
SSCW-032	32		33	25 m/spool

Unit: mm

RoHS Compliant

Technical data

Material	PET monofilament and multifilament
Operating	-50℃- +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black
Certificate	RoHS, Halogen free
Cutting tool	Hot knife

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of wrap.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Cable wrap

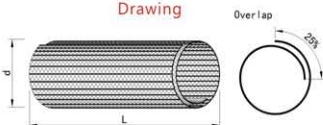## PVC button wrap

Application

Widely used for bundling and protecting the wires harness and cables on panel board, computer cable, TV, equipment and so on.

Drawing
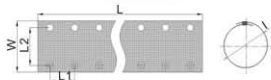
JDD-BWS PVC button wrap can tidy up and beautify the wiring fast and easily, it is reusable and has excellent performance of insulation and abrasion resistance. It's great for harness work and allows breakouts of single or multiple wires for re-routing or replacement.

RoHS Compliant

Technical data	
Material	PVC
Flammability	UL 94V-0
Standard color	Black and grey
Certificate	RoHS
Cutting tool	Scissors

Datasheet			
Part No.	I.D(I)	Width (W)	Packing(L)
BWS-010	10	61	100 m/roll
BWS-012	12	67	100 m/roll
BWS-015	15	77	100 m/roll
BWS-020	20	92	100 m/roll
BWS-025	25	108	100 m/roll
BWS-030	30	124	80 m/roll
BWS-035	35	138	80 m/roll
BWS-040	40	155	80 m/roll
BWS-045	45	171	80 m/roll
BWS-050	50	187	50 m/roll
BWS-060	60	218	50 m/roll
BWS-070	70	250	50 m/roll
BWS-080	80	281	50 m/roll

Unit: mm

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of wrap. B/G indicate one side is black, another side is grey.
2. Special packages, sizes, colors, L1 and L2 (in drawing) can be supplied upon request.
3. All numeric data shows average or typical values, not including customize sizes.

PET high anti-abrasion sleeving

Application

The PET high anti-abrasion braided sleeving is not only commonly used in rubber hose, railway, underground, wire bundles, but also be used to protect lines on forklifts, welding machines, and hydraulic lines on heavy equipments.

JDD-FRL has an abrasion resistance 300% more than standard Polyester expandable sleeving. It is a good solution for where conflict happen between different parts, meanwhile critical surface protection is required. It provides exceptional mechanical characteristic with flexible and high abrasion, easy to slip on a bundle of cables.

Drawing
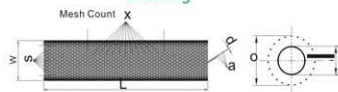
Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	FRL-003	1	6	1000m
1/4"	6	FRL-006	3	9	500 m
5/16"	8	FRL-008	5	16	350 m
3/8"	10	FRL-010	7	19	350 m
1/2"	12	FRL-012	8	24	300 m
5/8"	15	FRL-016	10	27	250 m
3/4"	20	FRL-019	14	30	200 m
1"	25	FRL-025	18	35	200 m
1-1/4"	30	FRL-032	20	50	150 m
1-1/2"	40	FRL-038	30	60	100 m
1-3/4"	45	FRL-045	35	75	100 m
2"	50	FRL-050	40	80	100 m
2-1/2"	64	FRL-064	45	105	100 m
3"	76	FRL-076	64	120	100 m

Unit: mm

RoHS Compliant

Technical data

Material	Polyester
Operating range	- 50℃ - +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black and grey
Certificate	UL, CSA, RoHS, REACH, Halogen free
Cutting tool	Hot knife

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character, the following sizes are covered by the nearest: 16 mm= 15 mm, 19 mm =20 mm, 32 mm =30 mm,38 mm =40mm,51mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request.
5. All numerical data are average or typical value, not including customized sizes.

Special sleeving

Nylon flat filament braided sleeving

Application

This abrasion resistant braided sleeving not only can be used in applications such as automotive, marine, construction, etc. but also can be used to protect lines on forklifts, welding machines, and hydraulic lines on heavy equipment.

Drawing

JDD-PAF this kind of braided sleeving consist of tough and strong Nylon 6.6 flat filaments which exceeds the durability of other plastic sleeving in abrasion comparison without losing the attractive look and flexibility. Uniquely shaped monofilament provides soft and smooth surface to resist snags when dragged over rough object.

RoHS Compliant

Technical data

Material	Polyamide 6.6
Operating range	-60℃- +160℃
Melt point	256℃
Flammability	VW-1
Standard color	Black and grey
Certificate	RoHS
Cutting tool	Hot knife
Other features	UV and chemical resistance

Datasheet

Part No.	Nominal size (W)	Expanded range		Packing (L)
		I.D.(I)	O.D.(O)	
PAF-012	12	9	16	100m/Spool
PAF-019	19	16	25	100m/Spool
PAF-032	32	25	42	100m/Spool
PAF-045	45	38	59	100m/Spool
PAF-064	64	45	83	100m/Spool

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3. This sleeving has expandable character, the following sizes are covered by the nearest: 16 mm= 15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm=40 mm, 51 mm =50 mm.
4. Special packages, sizes, and colors can be supplied upon request
5. All numerical data are average or typical value, not including customized sizes.

Special sleeving

Cold cut sleeving

Application

Outdoor field if the hot knife is not available, for example when installing telecom equipment installation in mountain areas.
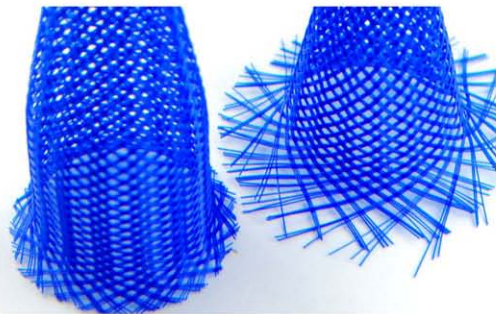
JDD- CC cold cut sleeving can be cut with a common scissors without obvious fray. It has some more advantages than standard polyester sleeving, softer and easier to be used on the outdoor field where the power or a hot knife could not be available. It also provides the same excellent protection of anti -abrasion as standard polyester sleeving.

Drawing

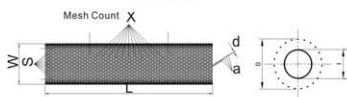| Datasheet					
Nominal size (W)		Part No.	Expanded range		Packing (L)
Inch	mm		Min.(I)	Max.(O)	Standard spool
1/8"	3	CC-003	1	5	1000m
1/4"	6	CC-006	3	8	500 m
5/16"	8	CC-008	5	10	350 m
3/8"	10	CC-010	7	12	350 m
1/2"	12	CC-012	8	14	300 m
5/8"	15	CC-016	10	18	250 m
3/4"	20	CC-019	14	23	200 m
1"	25	CC-025	18	28	200 m
1-1/4"	30	CC-032	20	35	150 m
1-1/2"	40	CC-038	30	42	100 m
1-3/4"	45	CC-045	35	48	100 m
2"	50	CC-050	40	54	100 m
2-1/2"	64	CC-064	45	70	100 m
3"	76	CC-076	64	80	100 m

Unit: mm

RoHS Compliant

Technical data	
Material	Polyester
Operating range	- 50℃ - +150℃
Melt point	230℃ ±5
Flammability	VW-1
Standard color	Black and grey
Certificate	UL, CSA, RoHS
Cutting tool	Scissors

Notes:
1.Nominal size indicates the flat width.
2.The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3.This sleeving has expandable character, the following sizes: are covered by the nearest:16 mm= 15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm=40 mm, 51 mm =50 mm.
4.Special packages, sizes, and colors can be supplied upon request
5.All numerical data are average or typical value, not including customized sizes.

Application

It commonly used over the cables, wires, tubes and nonmetallic objects to provide a durable protection and metallic surface in motorbike, racing car etc.
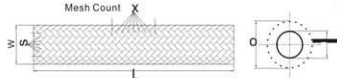
JDD-MCR is made of polyester with dazzling metallic look, it provides full coverage with no transparent elements in the braided construction and results in a light, smooth, flexible and continuous metallic shine.

Drawing

RoHS Compliant

Technical data	
Material	Polyester
Operating range	-50℃~+150℃
Melt point	250±5℃
Standard color	Silver , golden
Certificate	RoHS, Halogen free
Cutting tool	Hot knife

Datasheet				
Part No.	Nominal size (W)	Expanded range		Packing (L)
		I.D.(I)	O.D.(O)	
MCR-006	6	5	8	100m/Spool
MCR-008	8	7	10	100m/Spool
MCR-012	12	10	16	100m/Spool
MCR-019	19	18	26	100m/Spool
MCR-032	32	31	42	100m/Spool
MCR-038	38	37	49	100m/Spool

Unit: mm

Notes:
1.Nominal size indicates the flat width.
2.The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3.This sleeving has expandable character, the following sizes are covered by the nearest:16 mm= 15 mm, 19 mm =20 mm, 32 mm =30 mm, 38 mm=40 mm, 51 mm =50 mm.
4.Special packages, sizes, and colors can be supplied upon request.
5.All numerical data are average or typical value, not including customized sizes.

Special sleeving

Aluminum heat reflect fiberglass sleeving

JDD-AFRS is special designed by laminating an aluminized metallic heat shield to a layer of strong and tight braided fiberglass yarn. A special manufacturing process permits the sleeve to boast a virtually seamless and non fraying construction. This aluminized fiberglass sleeve reflects more than 95% of the radiant energy that hits its surface, keeping the underlying cables, hoses and wires cool.

Application

This kind of sleeving offers perfect protection for industrial wire, cable, hose (hydraulics), pipes, tubing and equipment that is in close to intense radiant sources such as super-hot metal slabs, liquid and molten metals or glass, open flame or engine exhaust manifolds.

Drawing
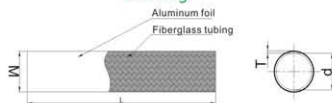
Datasheet				
Part No.	I.D(d)	Wall thickness(T)	Max. bundle dia	Packing (L)
AFRS-010	10.0	0.6	9.0	25m/roll
AFRS-018	18.0	0.6	17.0	25m/roll
AFRS-026	26.0	0.6	25.0	25m/roll
AFRS-034	34.0	0.6	33.0	25m/roll
AFRS-042	42.0	0.8	40.0	10m/roll
AFRS-050	50.0	0.8	48.0	10m/roll
AFRS-058	58.0	0.8	56.0	10m/roll
AFRS-065	66.0	0.8	63.0	10m/roll

Unit: mm

Technical data	
Material of outer layer	Aluminum foil
Material of inner layer	Fiberglass sleeving
Operating range	-50℃+200℃
Melt point	600℃
Flammability	VW-1
Standard color	Silvery white
Certificate	UL, RoHS
Cutting tool	Fluid and chemical resistance

RoHS Compliant

Notes:
1. Special packages and sizes can be supplied upon request.
2. All numeric data shows average or typical values, not including customized sizes.
3. Normally, it will be supplied in flat shape. Round shape need to be made upon request.

Special sleeving

Copper foil shielding sleeving

Application

It is widely used for communication system, electronic medical equipments, military equipments as well.
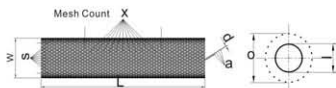
JDD-SES copper foil shielding sleeving is woven with copper foil filament, it is used for various electrical and industrial fields where EMI shielding, excellent protection and lightweight are required. It is lighter and more flexible than tinned cooper braided sleeving, it is a perfect combination of economy and durability, it can be used as connectors with highly flexible and easily to install.

Drawing

RoHS Compliant

Technical data	
Material	Copper filament
Operating range	-40℃ - +150℃
Flammability	VW-1
Standard color	Tinned color
Certificate	RoHS
Cutting tool	Scissors
Other features	Resists gasoline and engine chemicals

Datasheet			
Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
SES-003	3.0	1.0 ---5.0	200 m/spool
SES-006	6.0	4.0---8.0	150 m/spool
SES-008	8.0	5.0---10.0	150 m/spool
SES-010	10.0	7.0---16.0	150 m/spool
SES-012	12.0	8.0---20.0	100 m/spool
SES-015	15.0	10.0---23.0	100 m/spool
SES-020	20.0	13.0---30.0	100 m/spool
SES-025	25.0	18.0---35.0	100 m/spool
SES-030	30.0	20.0---40.0	50 m/spool
SES-040	40.0	30.0---50.0	50 m/spool
SES-050	50.0	40.0---60.0	50 m/spool

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. Special packages and sizes can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Special sleeving

JDDTECH

Tinned copper shielding sleeving

Application

This product has a variety of industrial application in high speed train, underground, aerospace and high-tech special products.
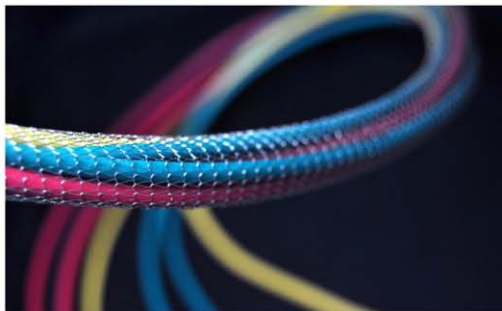
JDD-SS tinned copper braided sleeving offers a good solution for where EMI shielding and light weight are required at the same time. It also provides exceptional abrasion resistance and cut-through resistance with excellent flexibility.

Drawing
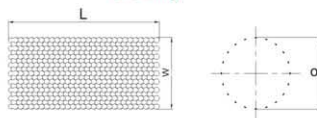
Datasheet			
Part No.	O.D.(O)	Width(W)	Packing (L)
SS-030	30.0	47.0	300M-500M
SS-035	35.0	55.0	300M-500M
SS-040	40.0	62.0	300M-500M
SS-045	45.0	70.0	300M-500M
SS-050	50.0	78.0	300M-500M

Unit: mm

RoHS Compliant

Technical data	
Material	Tinned copper
Operating range	-60℃-+420℃
Melt Point	1084℃
Flammability	Non-flammability
Standard color	Silver
Certificate	RoHS
Cutting tool	Scissors

Notes:
1. Special packages and sizes can be supplied upon request.
2. All numeric data shows average or typical value.

Heat shrinkable braided sleeving

Application

It is widely used to protect the rubber hoses, plastic pipes, wire harnesses from damage, and also resistance the noise and rattle suppression make it suitable in automotive and other industrial fields.
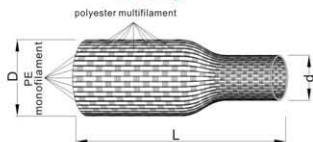
JDD-HSS heat shrinkable braided sleeving consist of polyester multifilament and special modified polyolefin filament, it will shrink when expose to heat source, this unique woven construction makes it extremely flexible, easy to install on the hoses with irregular shapes. Suitable used in rough environments, providing excellent abrasion resistance and noise reduction.

Drawing

polyester multifilament

PE monofilament

D   d   L

RoHS
Compliant

Technical data

Material	Polyolefin+Polyester
Operating range	-40℃ - +125℃
Minimum shrink temperature	80℃
Minimum fully recovery temperature	120℃
Flammability	Self-extinguishing
Standard color	Black
Shrinking ratio	2:1
Certificate	RoHS, Halogen free
Tool	Heat gun

Datasheet			
Part No.	As supplied(D)	After recovered(d)	Packing (L)
HSS-010	10.0	5.0	100 m/spool
HSS-012	12.0	6.0	100 m/spool
HSS-020	20.0	10.0	100 m/spool
HSS-025	25.0	12.5	100 m/spool
HSS-030	30.0	15.0	100 m/spool
HSS-034	34.0	17.0	100 m/spool
HSS-040	40.0	20.0	100 m/spool
HSS-050	50.0	25.0	100 m/spool
HSS-060	60.0	30.0	100 m/spool

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data are average or typical values, not including customized sizes.

Polyester non-heat shrinkable weaving sleeving

Application

It is widely used to protect hydraulic pipes, rubber hose, plastic pipes, wire harnesses from damage. This kind of sleeving can also be used in industrial and construction fields where outstanding hose protections are needed

Drawing

JDD-PHW polyester non-heat shrinkable weaving sleeving consists of polyester multifilament. With the particularly smooth inner wall, it could reduce the frictional resistance problems, provides easy installation .The tight woven construction can provide chemical fluid resistance and noise reduction.
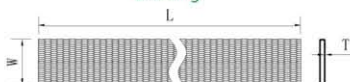
Datasheet				
Part No.	Flat width (W)	Flat width (W)	Wall Thinckness (T)	Packing(L)
PHW-018	20	12	1.1	100 m/spool
PHW-021	25	25	1.1	100 m/spool
PHW-023	30	19	1.1	100 m/spool
PHW-025	35	22	1.1	100 m/spool
PHW-028	40	25	1.1	100 m/spool
PHW-031	45	28	1.1	100 m/spool
PHW-034	50	31	1.1	100 m/spool
PHW-040	60	38	1.1	100 m/spool
PHW-044	70	44	1.1	100 m/spool
PHW-052	80	50	1.1	100 m/spool
PHW-060	90	57	1.1	50 m/spool
PHW-064	115	60	1.1	50 m/spool
PHW-072	145	70	1.1	50 m/spool
PHW-084	176	176	1.1	50 m/spool
PHW-092	200	200	1.1	50 m/spool

RoHS Compliant

Technical data	
Material	Polyester Multifilament
Operating Temperature	-50℃~150℃
Melting point	230℃
Flammability	VW-1
Standard color	Black
Cutting tool	Scissor and hot knife
Approval	RoHS

Unit: mm

Notes:
1.Special packages and sizes can be supplied upon request.
2.All numeric data shows average or typical value.

Nylon non-heat shrinkable weaving sleeving

Application

It is widely used to protect hydraulic pipes, plastic pipes, rubber hose, wire harnesses away from damage and abrasion. This kind of sleeve can also be used in industry and construction fields where outstanding hose protections are needed.

Drawing
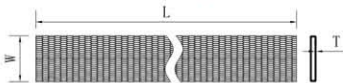
JDD-NHW nylon non-heat shrinkable weaving sleeving is woven from nylon mutifilament.

It offers excellent flexibility, high abrasion and flame resistance. The tight woven construction can provide chemical fluid resistance and noise reduction.

RoHS Compliant

Technical data

Material	Nylon Multifilament
Operating Temperature	-60℃~160℃
Melting point	256℃
Flammability	VW-1
Standard color	Black
Cutting tool	Scissor and hot knife
Approval	RoHS

Datasheet			
Part No.	Nominal size (W)	Wall Thinckness (T)	Packing(L)
NHW-018	18	1.15	100 m/spool
NHW-021	21	1.15	100 m/spool
NHW-023	23	1.15	100 m/spool
NHW-025	25	1.15	100 m/spool
NHW-028	28	1.15	100 m/spool
NHW-031	31	1.15	100 m/spool
NHW-034	34	1.15	100 m/spool
NHW-040	40	1.15	100 m/spool
NHW-044	44	1.15	100 m/spool
NHW-052	52	1.15	100 m/spool
NHW-060	60	1.15	50 m/spool
NHW-064	64	1.15	50 m/spool
NHW-072	72	1.15	50 m/spool
NHW-084	84	1.15	50 m/spool
NHW-092	92	1.15	50 m/spool

Unit: mm

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed by BK, GR and so on to indicate the color of sleeving.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data are average or typical values, not including customized sizes.

Dual wall heat -shrink tube

Application

This kind of heat shrink tube offers super environmental protection for a wide assortment of electronic wiring components including wire splices, wire and cable bundles, and harness breakout in automotive, truck, and marine cable and other industrial fields.

JDD-MSBG dual wall heat-shrinkable tube is made of the high quality polymer layer with hot melt adhesive (inner layer). When exposed to heat source, the inner layer begin to melt and flow. When it cools down, inner layer forms an adhesion layer between the tubing and the component or wire. This provides a water-tight seal and protection for the connectors or wire.

Drawing
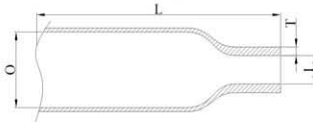
Datasheet					
Part No.	As supplied(O)	After recovered			Packing (L)
		After Shrunk (I)	Wall thick ness(T)	Adhesive thickness	
MSBG-032	3.2	1.0	1.0	0.40	200/m
MSBG-048	4.8	1.6	1.1	0.40	100/m
MSBG-064	6.4	2.0	1.2	0.50	100/m
MSBG-079	7.9	2.7	1.4	0.50	100/m
MSBG-095	9.5	3.2	1.4	0.50	50/m
MSBG-127	12.7	4.2	1.7	0.50	1.22 m/pcs
MSBG-015	15.0	5.0	1.8	0.60	
MSBG-191	19.1	6.3	2.0	0.60	
MSBG-254	25.4	8.5	2.1	0.60	
MSBG-030	30.0	10.2	2.2	0.60	
MSBG-039	39.0	13.5	2.4	0.60	
MSBG-050	50.0	17.0	2.7	0.70	
MSBG-064	64.0	21.0	3.0	0.70	
MSBG-075	75.0	25.0	3.2	1.0	
MSBG-090	90.0	30.0	3.3	1.0	
MSBG-100	100.0	34.0	3.5	1.2	
MSBG-1257	125.0	42.0	3.5	1.2	
MSBG4-004	4.0	1.0	1.0	0.4	200m
MSBG4-006	6.0	1.5	1.1	0.4	100m
MSBG4-008	8.0	2.0	1.5	0.5	50m
MSBG4-012	12.0	3.0	1.7	0.5	1.22 m/pcs
MSBG4-016	16.0	4.0	2.0	0.6	
MSBG4-020	20.0	5.0	2.3	0.6	
MSBG4-024	24.0	6.0	2.5	0.6	
MSBG4-032	32.0	8.0	2.8	0.7	
MSBG4-052	52.0	13.0	3.0	0.7	

RoHS Compliant

Technical data

| Material	Polyethylene
Shrinking ratio	3:1 and 4:1
Operating range	-45℃-+125℃
Standard color	Black
Certificate	UL, CSA, RoHS, Halogen free
Tool	Beat gun, oven

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of tube.
2. Special package, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Unit: mm

Carbon sleeving

Application

Providing a tough, durable protection for wires, wire bundles and harnesses, cable assemblies, flat ribbon cable, tubing and hoses in aerospace, military and other high-tech applications.

Drawing
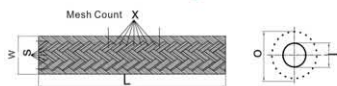
JDD-CB consist of exceptional carbon fiber yarn that allows an amazing strength, high thermal resistance and extreme lightweight. Our carbon fiber sleeving will forms itself to accommodate uneven or asymmetrical surfaces while providing full radial stability and torsional strength.

RoHS Compliant

Technical data

Material	Carbon fiber
Operating range	-269℃ - +650℃
Flammability	VW-1
Standard color	Black
Certificate	RoHS
Cutting tool	Scissors
Others features	Conductive character

Datasheet			
Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
CB-003	3.0	1.0---4.0	500 m/spool
CB-006	6.0	5.0---8.0	500 m/spool
CB-008	8.0	6.0---10.0	350 m/spool
CB-010	10.0	7.0---13.0	350 m/spool
CB-012	12.0	8.0---16.0	300 m/spool
CB-015	15.0	10.0---20.0	250 m/spool
CB-020	20.0	14.0---26.0	200 m/spool
CB-025	25.0	18.0---33.0	200 m/spool
CB-030	30.0	20.0---39.0	150 m/spool
CB-040	40.0	30.0---52.0	100 m/spool
CB-050	50.0	40.0---65.0	100 m/spool

Unit: mm

Notes:
1. Nominal size indicates the flat width. I.D indicates the round inner diameter.
2. Special packages and sizes can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Kevlar sleeving

Application

The sleeving is not only widely used in military for bullet proof vest due to its excellent tension strength, but also used for protection of cable or hose in aerospace and other high-tech fields.

JDD-KL kevlar has excellent characters of thermal stability and outstanding tensile strength, it is up to 20 times stronger than steel wire in same diameter. Our KL is made of this kind of fiber yarn that offers great chemical resistance and heat resistance, will protect your cables or hoses in even the most extreme environments.

Drawing
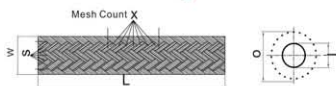
Datasheet			
Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
KL-003	3	1---4	500 m/spool
KL-006	6	5---8	500 m/spool
KL-008	8	6---10	350 m/spool
KL-010	10	7---13	350 m/spool
KL-012	12	8---16	300 m/spool
KL-015	15	10---20	250 m/spool
KL-020	20	14---26	200 m/spool
KL-025	25	18---33	200 m/spool
KL-030	30	20---39	150 m/spool
KL-040	40	30---52	100 m/spool
KL-050	50	40---65	150 m/spool

Unit: mm

RoHS Compliant

Technical data	
Material	Kevlar fiber
Operating range	-170℃- +250℃
Melt point	No melt
Flammability	UL94V-0
Standard color	Yellow
Certificate	RoHS
Cutting tool	Shears
Others features	Resist organic solvents

Notes:
1. Nominal size indicates the flat width. I.D indicates the round inner diameter.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.
4. Kevlar is a trademark of Dupont.

Basalt sleeving

Application

Widely used in metallurgy, chemical industry and aviation for protecting hoses, oil tubes, cables or as a cover.

Drawing
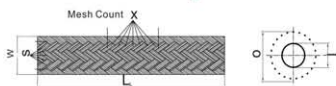
JDD-BS basalt braided sleeving has outstanding property of electric insulation, high temperature resistance, chemical-corrosion resistance, excellent tenacity that make it to be the best insulating and protecting solution in extreme working environment. where serviceability is required.

RoHS Compliant

Technical data	
Material	Basalt fiber
Operating range	-269℃ +650℃
Melt point	1400℃
Flammability	94V-0
Standard color	Brown
Certificate	RoHS
Cutting tool	hears
Others features	Durability to the attack of water, salts, alkalis and acids

Datasheet			
Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
BS-003	3.0	1.0---4.0	500 m/spool
BS-006	6.0	5.0 ---8.0	500 m/spool
BS-008	8.0	6.0 ---10.0	350 m/spool
BS-010	10.0	7.0 ---13.0	350 m/spool
BS-012	12.0	8.0 ---16.0	300 m/spool
BS-015	15.0	10.0 ---20.0	250 m/spool
BS-020	20.0	14.0 ---26.0	200 m/spool
BS-025	25.0	18.0 ---33.0	200 m/spool
BS-030	30.0	20.0 ---39.0	150 m/spool
BS-040	40.0	30.0 ---52.0	100 m/spool
BS-050	50.0	40.0 ---65.0	100 m/spool

Unit: mm

Notes:
1. Nominal size indicates the flat width. I.D indicates the round inner diameter.
2. Special packages and sizes can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Nomex sleeving

Application

Used for a wide range of applications such as military, aerospace, race car, fire department to protect the cable and wire from the dangers that come with working in and around intense flame and heat.
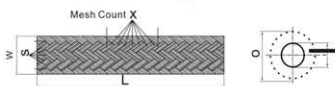
JDD−NM consists of 100% continuous nomex fibre. Although its soft feel and smooth appearance, nomex sleeving is extremely tough and provides cables with both thermal protection and high abrasion− resistance. It can retain its integrity at temperatures over 245℃ point of nylon) or exposed to high humidity, moisture or extreme

Drawing

Datasheet			
Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
NM-003	3.0	1.0---4.0	500m/roll
NM-006	6.0	5.0---8.0	500m/roll
NM-008	8.0	6.0---10.0	500m/roll
NM-010	10.0	7.0---13.0	500m/roll
NM-012	12.0	8.0---16.0	500m/roll
NM-015	15.0	10.0---20.0	500m/roll
NM-020	20.0	14.0---26.0	500m/roll
NM-025	25.0	18.0---33.0	500m/roll
NM-030	30.0	20.0---39.0	500m/roll
NM-040	40.0	30.0---52.0	500m/roll
NM-050	50.0	40.0---65.0	500m/roll

Unit: mm

RoHS Compliant

| Technical data	
Material	Nomex fiber
Operating range	-196℃- +350℃
Melt point	No melt
Flammability	UL94V-0
Standard color	White
Certificate	RoHS, Halogen free
Cutting tool	Shears
Others features	Resistant to most acids, alkalis, bleaching agents, unaffected by freon, gasoline, jet fuel, ethylene glycol and methyl alcohol.

Notes:
1. Nominal size indicates the flat width. I.D indicates the round inner diameter.
2. The Part No. will be followed by GN to indicate the color of sleeving.
3. Special packages, sizes and colors can be supplied upon request.
4. All numerical data shows average or typical value, not including customized sizes.
5. Nomex is a trademark of Dupont.

Insulating sleeving and tubing

Heat- shrinkable tube (normal wall)

Application

It widely used in the fields of electricity, communication, automotive for connection insulation and rust-proof of metallic product.

Drawing
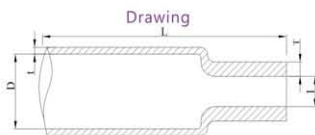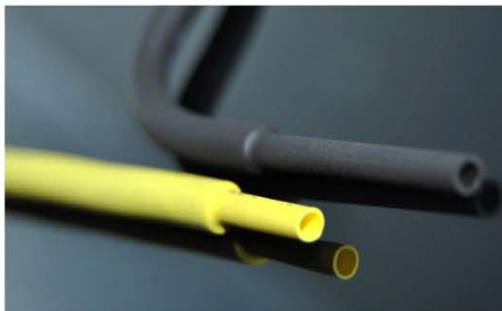
JDD-MRSG heat -shrinkable tube is a newly developed environment-friendly flame retardant heat -shrinkable tube, using modified polymers and cross-linked by electronic accelerator.
It offers an economic and efficient solution for the insulation and protection of cable splices and terminals.

RoHS Compliant

Technical data

Material	Polyethylene
Shrinking ratio	2:1
Operating range	-45℃- +125℃
Start shrunk temperature	70℃
Longitudinal shrinkage	5%
Flammability	VW-1
Standard color	Black
Certificate	UL, CSA, RoHS, Halogen free
Tool	Heat gun

Datasheet					
Part No.	As supplied		After recovery		Packing (L)
	I.D (D)	Wall thickness (t)	Max I.D (I)	Wall thickness (T)	
MRSG-0.6	0.90	0.10	0.40	0.22	200m /spool
MRSG-0.8	1.00	0.15	0.50	0.22	200m /spool
MRSG-1.0	1.50	0.15	0.65	0.28	200m /spool
MRSG-1.5	2.00	0.18	0.85	0.32	200m /spool
MRSG-2.0	2.50	0.18	1.00	0.35	200m /spool
MRSG-2.5	3.00	0.18	1.30	0.38	200m /spool
MRSG-3.0	3.50	0.18	1.50	0.40	200m /spool
MRSG-3.5	4.00	0.22	1.80	0.42	200m /spool
MRSG-4.0	4.50	0.25	2.00	0.45	200m/spool
MRSG-4.5	5.00	0.25	2.30	0.50	100m /spool
MRSG-5.0	5.50	0.25	2.50	0.55	100m /spool
MRSG-6.0	6.50	0.28	3.00	0.55	100m /spool
MRSG-7.0	7.50	0.28	3.50	0.55	100m /spool
MRSG-8.0	8.50	0.28	4.00	0.60	100m /spool
MRSG-9.0	9.50	0.30	4.50	0.60	100m /spool
MRSG-10	10.50	0.30	5.00	0.60	100m /spool

Notes:
1. Nominal size indicates the flat width. I.D indicates the round inner diameter.
2. Special packages and sizes can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Unit: mm

Thin wall heat shrinkable tube

Application

It widely used in the fields of electrics, communication, automobile for connection insulation and rust-proof of metal product where thin thickness is required.
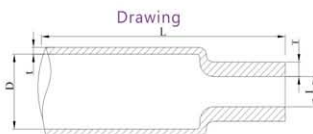
JDD-MCBG thin wall heat-shrinkable Tube is newly developed environment-friendly flame retardant heat shrinkable tube, using modified polymers, through cross-link by electronic accelerator. When heat shrink tubing quickly shrinks, it can molds itself to the specific size and shape of the wire.

Drawing

Datasheet				
Size (mm)	As supplied		After recovery		Packing (L)
	I.D	Average W.T.	Max I.D	Average W.T.	
MCBG-1.0	1.50±0.3	0.12±0.05	≤0.65	0.20±0.10	200m /spool
MCBG-1.5	1.90±0.3	0.13±0.05	≤0.85	0.20±0.10	200m /spool
MCBG-2.0	2.35±0.3	0.15±0.05	≤1.00	0.22±0.10	200m /spool
MCBG-2.5	2.80±0.4	0.15±0.05	≤1.30	0.25±0.10	200m /spool
MCBG-3.0	3.40±0.4	0.15±0.05	≤1.50	0.28±0.10	200m /spool
MCBG-3.5	3.80±0.4	0.15±0.05	≤1.80	0.28±0.10	200m /spool
MCBG-4.0	4.40±0.4	0.18±0.05	≤2.00	0.35±0.10	200m /spool
MCBG-4.5	4.70±0.4	0.18±0.05	≤2.30	0.35±0.10	200m /spool
MCBG-5.0	5.50±0.4	0.18±0.05	≤2.5	0.37±0.10	100m /spool
MCBG-6.0	6.50±0.4	0.20±0.05	≤3.0	0.39±0.10	100m /spool
MCBG-7.0	7.5±0.4	0.18±0.05	≤3.5	0.32±0.10	100m /spool
MCBG-8.0	8.5±0.5	0.18±0.05	≤4.0	0.32±0.10	100m /spool
MCBG-9.0	9.5±0.5	0.18±0.05	≤4.5	0.35±0.10	100m /spool
MCBG-10	10.5±0.5	0.18±0.05	≤5.0	0.35±0.10	100m /spool
MCBG-11	11.5±0.5	0.18±0.05	≤5.5	0.40±0.10	100m /spool
MCBG-12	12.5±0.5	0.20±0.05	≤6.0	0.40±0.10	100m /spool
MCBG-13	13.5±0.5	0.20±0.05	≤6.5	0.40±0.10	100m /spool
MCBG-14	14.5±0.5	0.20±0.05	≤7.0	0.40±0.10	100m /spool
MCBG-15	15.5±0.5	0.20±0.05	≤7.5	0.40±0.10	100m /spool
MCBG-16	16.5±0.5	0.22±0.05	≤8.0	0.40±0.10	100m /spool
MCBG-18	18.5±0.5	0.22±0.05	≤9.0	0.45±0.10	100m /spool
MCBG-20	20.5±0.5	0.22±0.05	≤10.0	0.45±0.10	100m /spool
MCBG-22	22.8±0.5	0.22±0.05	≤11.0	0.45±0.10	100m /spool
MCBG-25	25.5±0.5	0.22±0.05	≤12.5	0.45±0.10	50m /spool

Unit: mm

RoHS Compliant

Technical data

Material	Polyethylene
Shrinking ratio	2:1
Operating range	-45℃- +125℃
Start shrunk temperature	70℃
Longitudinal shrinkage	5%
Flammability	VW-1
Standard colour	Black
Certificate	UL, CSA, RoHS, Halogen free
Tool	Heat gun

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of tube.
2. Special packages, sizes and colors can be supplied upon request.
3. All numerical data are average or typical values, not including customized sizes.
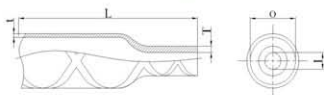
Insulating sleeving and tubing

Skid-proof heat shrinkable tube

Application

It is widely used in fishing rods, sports fittings, health equipments and so on for skid-proof application.

Drawing

JDD-MFHG skid-proof heat shrinkable tube is idea for skip-proof and decorative purpose with the unique flannel surface decoration to provide excellent sweat absorption and durable abrasion resistance. This kind of product has the advantages of environment-friendliness, good flexibility, skid-proof, good appearance, fast shrinkage and stable performance.

RoHS Compliant

Technical data	
Material	Ethylene vinyl acetate
Operating range	-55℃- +105℃
Shrinking temperature	Start at 70℃ and shrunk totally at 100℃
Tensile Strength	10.4Mpa
Shrinking ratio	2:1
Flammability	VW-1
Certificate	RoHS
Color	Black/blue/green
Tool	Heat gun, oven

Datasheet					
Part No.	As supplied		After recovered		Packing (L)
	O.D.(O)	Wall thickness (t)	I.D.(I)	Wall thickness (t)	
MFHG-015	15.00	0.45	8.00	0.85	1.0m/pcs
MFHG-020	20.00	0.50	11.00	0.90	0.8/1.0/1.6m/pcs
MFHG-022	22.00	0.50	12.50	0.90	
MFHG-025	25.00	0.50	14.50	1.0	
MFHG-028	28.00	0.50	15.50	1.0	
MFHG-030	30.00	0.60	17.50	1.2	
MFHG-035	35.00	0.60	20.00	1.2	
MFHG-040	40.00	0.60	23.00	1.2	
MFHG-045	45.00	0.65	25.00	1.25	
MFHG-050	50.00	0.65	28.00	1.25	

Unit: mm

Notes:
1.The part No. will be followed by BK, BL, GN and so on to indicate the color of tube.
2.Special packages, sizes and colors can be supplied upon request.
3.Skid-proof heat shrinkable tube can be shrunk by hot water easily and fast for mass production in order to save labor cost.

Fiberglass sleeving

Application

These sleeves are widely used for supplementary insulation on transformer, motor, generator and resistor leads etc.

JDD-MBQGD fiberglass sleeving is treated at high temperature with a special kind of silicone resin and possess outstanding a temperature classification of 200℃. It also has excellent properties of self-extinguishing and flexibility.

Drawing

Datasheet			
Part No.	I.D.(I)	Wall thickness (T)	Packaging (L)
MBQGD-0.8	0.80	0.30	100m/roll
MBQGD-1.0	1.00	0.30	100 m/roll
MBQGD-1.5	1.50	0.30	100 m/roll
MBQGD-2.0	2.00	0.35	100 m/roll
MBQGD-2.5	2.50	0.35	100 m/roll
MBQGD-3.0	3.00	0.35	100 m/roll
MBQGD-3.5	3.50	0.35	100 m/roll
MBQGD-4.0	4.00	0.40	100 m/roll
MBQGD-5.0	5.00	0.40	100 m/roll
MBQGD-6.0	6.00	0.40	100 m/roll
MBQGD-7.0	7.00	0.40	100 m/roll
MBQGD-8.0	8.00	0.45	50 m/roll
MBQGD-9.0	9.00	0.45	50 m/roll
MBQGD-10.0	10.00	0.50	50 m/roll
MBQGD-12.0	12.00	0.50	50 m/roll

Unit: mm

RoHS Compliant

Technical data	
Sleeving material	Fiberglass fiber
Coating material	Silicone resin
Operating range	-60℃- +200℃
Breakdown voltage	1.2kV - 4.0kV
Flammability	VW-1
Standard color	White
Certificate	UL, CSA, RoHS.
Cutting tool	Cutting machine, Scissors.

Notes:
1.The part No. will be followed by BK, RD and so on to indicate the color of sleeving.
2.It is followed by A, B, C, D to indicate the voltages, A = 1.2kV, B = 1.5kV, C =2.5kV, D = 4kV
3. Special packages, sizes and colors can be supplied upon request.
4. All numeric data shows average or typical values, not including customized sizes.
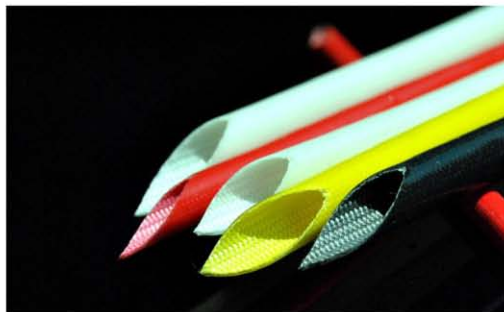
Insulating sleeving and tubing

Silicone fiberglass sleeving (outer silicone and inner glass fiber)

Application

This kind of silicone fiberglass sleeving are commonly used for insulation and protection of household electrical appliances, electro-heat devices, special illuminations etc where high working temperature and high voltage are required.

Drawing

JDD-MBQGJ the non-alkali fiberglass sleeving is coated by silicone with the process of thermal and vulcanization that possesses good properties of dielectric high temperature resistance and cold resistance. It also provides abrasion and flame resistance with high flexibility.

RoHS Compliant

Technical data	
Sleeving material	Fiberglass fiber
Coating material	Silicone
Operating range	-60℃- +200℃
Breakdown voltage	4.0kV / 7.0kV
Flammability	VW-1
Standard colour	White/black
Certificate	UL, CSA, RoHS.
Cutting tool	Cutting machine, Scissors.

Datasheet				
Part No.	I.D.(I)	Wall thickness(T)		Packaging (L)
		Min	Max	
MBQGJ-001	1.20	0.40	0.60	100m/roll
MBQGJ-002	2.20	0.40	0.65	100m/roll
MBQGJ-003	3.20	0.40	0.65	100m/roll
MBQGJ-004	4.25	0.45	0.70	100m/roll
MBQGJ-005	5.25	0.45	0.70	100m/roll
MBQGJ-006	6.25	0.45	0.80	100m/roll
MBQGJ-007	7.25	0.45	0.80	100m/roll
MBQGJ-008	8.25	0.45	0.80	50m/roll
MBQGJ-010	10.30	0.50	1.00	50m/roll
MBQGJ-012	12.50	0.50	1.00	50m/roll

Unit: mm

Notes:
1.The part No. will be followed by BK, RD and so on to indicate the color of sleeving.
2.It also maybe followed by D, E to indicate the voltages, D means 4kV, E means 7kV.
3.Special packages, sizes and colors can be supplied upon request.
5.All numeric data shows average or typical values, not including customized sizes.

Silicone fiberglass sleeving (outer glass fiber and inner silicone)

Application

This kind of silicone fiberglass sleeving are commonly used for insulation and protection of household electrical appliances, electro-heat devices, special illuminations etc where high working temperature and high voltage are required.

JDD-MBQGX this kind of electrical insulation sleeving consists of inner extruded silicone rubber tube being vulcanized and outer non-alkali fiberglass braided, then coated with silicone resin. It possesses good abrasion resistance and high breakdown voltage.

Drawing

Datasheet				
Part No.	I.D.(I)	Wall thickness(T)		Packaging (L)
		Min	Max	
MBQGX-001	1.20	0.40	0.60	100m/roll
MBQGX-002	2.20	0.40	0.65	100m/roll
MBQGX-003	3.20	0.40	0.65	100m/roll
MBQGX-004	4.25	0.45	0.70	100m/roll
MBQGX-005	5.25	0.45	0.70	100m/roll
MBQGX-006	6.25	0.45	0.80	100m/roll
MBQGX-007	7.25	0.45	0.80	100m/roll
MBQGX-008	8.25	0.45	0.80	100m/roll
MBQGX-010	10.30	0.50	1.00	100m/roll
MBQGX-012	12.50	0.50	1.00	100m/roll

Unit: mm

RoHS Compliant

Technical data	
Sleeving material	Fiberglass fiber
Coating material	Silicone
Operating range	-60℃- +200℃
Breakdown voltage	7.0kV
Flammability	VW-1
Standard color	White/black
Certificate	UL, CSA, RoHS.
Cutting tool	Cutting machine, Scissors.

Notes:
1.The part No. will be followed by BK, RD and so on to indicate the color of sleeving.
2.Special packages, sizes and colors can be supplied upon request.
3.All numeric data shows average or typical values, not including customized sizes.

Insulating sleeving and tubing
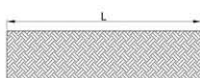
Heat-treated fiberglass sleeving

Application

This kind of fiberglass sleeving is widely used in heating components, carbon brushes, toasters, coffee-makers etc.

Drawing

JDD-MDWG heat- treated fiberglass sleeving is a good solution for where has high requirement for extreme temperature, but low voltage levels. Its flexibility and expandability make It easily to over irregular shapes. it also provides abrasion and flame resistance.

RoHS Compliant

Technical data

Material	Fiberglass fiber
Operating range	600℃
Breakdown voltage	700 volt
Flammability	VW-1
Standard color	White, black
Certificate	RoHS.
Cutting tool	Cutting machine, scissors

Datasheet			
Part No.	I.D.(I)	Wall thickness (T)	Packaging (L)
MDWG-003	3.00	0.18	100m/roll
MDWG-004	4.00	0.30	100 m/roll
MDWG-005	5.00	0.30	100 m/roll
MDWG-006	6.00	0.30	100 m/roll
MDWG-007	7.00	0.35	100 m/roll
MDWG-008	8.00	0.35	50 m/roll
MDWG-010	10.00	0.35	50 m/roll
MDWG-012	12.00	0.35	50 m/roll
MDWG-015	15.00	0.43	50 m/roll
MDWG-018	18.00	0.43	50 m/roll
MDWG-020	20.00	0.43	50 m/roll
MDWG-025	25.00	0.43	50 m/roll
MDWG-030	30.00	0.43	50 m/roll

Unit: mm

Notes:
1.The part No. will be followed by BK to indicate the color of sleeving.
2.Special packages and sizes can be supplied upon request.
3.All numeric data shows average or typical values, not including customized sizes.

Silicone rubber tube

Application

It can be not only widely used for liquid and air transmission in medical and food industrial, but also for insulation protection in household appliance, industrial appliance etc.

JDD-MGJG silicone rubber tube is extruded from a soft and flexible elastomer. It offers excellent abrasion resistance, kink resistance with good strength and flexibility. It generally resists many solvents, oils, concentrated acids, diluted sodium hydroxide, being no tainting of the product is very important and ideal in medical field, food and the dairy industry.

Drawing
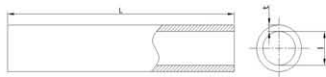
Datasheet						
Part No.	I.D.(l)	Thickness as per Voltage withstand(mm)				Packaging (L)
		2500V	4000V	6000V	7000V	
MGJG-0.8	0.8	0.5	1.0	1.5	2.0	200 m/spool
MGJG-1.0	1.0	0.5	1.0	1.5	2.0	200 m/spool
MGJG-1.5	1.5	0.5	1.0	1.5	2.0	200 m/spool
MGJG-2.0	2.0	0.5	1.0	1.5	2.0	100 m/spool
MGJG-2.5	2.5	0.5	1.0	1.5	2.0	100 m/spool
MGJG-3.0	3.0	0.5	1.0	1.5	2.0	100 m/spool
MGJG-3.5	3.5	0.5	1.0	1.5	2.0	100 m/spool
MGJG-4.0	4.0	0.5	1.0	1.5	2.0	100 m/spool
MGJG-4.5	4.5	0.5	1.0	1.5	2.0	100 m/spool
MGJG-5.0	5.0	0.5	1.0	1.5	2.0	50 m/spool
MGJG-5.5	5.5	0.5	1.0	1.5	2.0	50 m/spool
MGJG-6.0	6.0	0.5	1.0	1.5	2.0	50 m/spool
MGJG-7.0	7.0	-	1.0	1.5	2.0	50 m/spool
MGJG-8.0	8.0	-	1.0	1.5	2.0	50 m/spool
MGJG-9.0	9.0	-	1.0	1.5	2.0	25 m/spool
MGJG-10	10.0	-	1.0	1.5	2.0	50 m/spool
MGJG-12	12.0	-	1.0	1.5	2.0	25 m/spool
MGJG-14	14.0	-	-	1.5	2.0	50 m/spool
MGJG-15	15.0	-	-	1.5	2.0	25 m/spool
MGJG-20	20.0	-	-	-	2.0	10 m/spool

Unit: mm

RoHS Compliant

Technical data

Material	Silicone
Operating range	-60℃ - +200℃
Standard color	Transparent , white
Certificate	RoHS, FDA
Cutting tool	Automatic cutting machine, scissors
Other features	Arc and corona -resistance

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of tube.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or values, not including customized sizes.

Insulating sleeving and tubing

Silicone heat- shrinkable tube

Application

Generally used in medical equipments, home appliances, aerospace, military, automobile manufacturing, electronic components, transformers, motors, cables insulation etc where extreme physical strength and/or resistance to extremes of temperature are required.

Drawing
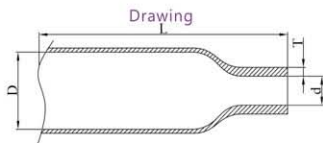
JDD-MGJS this kind of heat-shrinkable tube consist of silicone rubber which provides good typical properties of silicone including high and low temperature resistance, chemical resistance, excellent weatherability. It is perfectly used for cable insulation or bundling.

RoHS Compliant

Technical data

Material	Silicone
Shrinkable ratio	1.7:1
Operating range	-50℃→200℃
Longitudinal shrinkage	5%
Flammability	VW-1
Standard color	Black and grey
Certificate	ROHS
Tool	Heat gun, oven

Datasheet

Part No.	As supplied (D)	After shrunk (d)	After shrunk Wall Thickness (T)	Packaging (L)
MGJS-009	9.00	3.00	2.60	
MGJS-012	12.00	4.00	2.80	
MGJS-016	16.00	5.00	3.00	
MGJS-019	19.00	6.00	3.00	
MGJS-022	22.00	6.00	3.25	
MGJS-025	25.00	8.00	3.25	
MGJS-033	33.00	8.00	3.25	
MGJS-040	40.00	12.00	3.95	
MGJS-045	45.00	12.00	3.95	
MGJS-055	55.00	16.00	4.05	
MGJS-065	65.00	19.00	4.05	1.22 m/pcs
MGJS-075	75.00	22.00	4.05	
MGJS-085	85.00	25.00	4.05	
MGJS-095	95.00	29.00	4.05	
MGJS-115	115.00	34.00	4.05	
MGJS-130	130.00	36.00	4.05	
MGJS-140	140.00	42.00	4.05	
MGJS-160	160.00	55.00	4.05	
MGJS-175	175.00	55.00	4.25	
MGJS-200	200.00	65.00	4.25	

Unit: mm

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of tube.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

PTFE tube

Application

PTFE tube can be widely applied in transformers, medical equipments, vehicles, heat exchanger, pharmaceutical process and applications in different corrosive conditions.
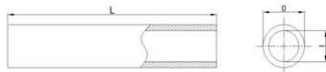
JDD-MTFL PTFE tube is extruded by polymerized PTFE resin with excellent chemical resistance, heat resistance, non-stick property and weather resistance. PTFE tube has 3 styles, including S style, T style and L style with different wall thickness and working voltage.

Drawing

Datasheet				
Part No.	I.D.(I)	S style(O)	T style(O)	L style(O)	Packing(L)
MTFL-030	0.30	0.80	0.70	0.60	
MTFL-028	0.38	0.80	0.78	0.68	
MTFL-036	0.46	0.96	0.86	0.76	
MTFL-024	0.56	1.16	1.06	0.86	
MTFL-023	0.66	1.26	1.16	0.96	
MTFL-022	0.71	1.31	1.21	1.01	305m
MTFL-021	0.81	1.41	1.31	1.11	
MTFL-020	0.86	1.66	1.46	1.16	
MTFL-019	0.96	1.76	1.56	1.26	
MTFL-018	1.07	1.87	1.67	1.37	
MTFL-017	1.19	1.99	1.79	1.49	
MTFL-016	1.34	2.14	1.94	1.64	
MTFL-015	1.50	2.30	2.10	1.80	
MTFL-014	1.68	2.48	2.28	2.08	
MTFL-013	1.93	2.73	2.53	2.33	153m
MTFL-012	2.16	2.96	2.76	2.56	
MTFL-011	2.41	3.21	3.01	2.81	
MTFL-010	2.69	3.49	3.29	3.09	
MTFL-009	3.00	4.00	3.80	3.40	
MTFL-008	3.38	4.38	4.18	3.78	100m
MTFL-007	3.76	4.76	4.56	4.16	
MTFL-006	4.22	5.22	5.02	4.80	
MTFL-005	4.72	5.72	5.52	5.32	50m
MTFL-004	5.28	6.28	6.08	5.88	
MTFL-003	5.94	6.94	6.74	6.54	1.0m/coil
MTFL-002	6.68	7.68	7.48	7.28	
MTFL-001	7.46	8.46	8.26	8.06	

RoHS Compliant

Technical data

| Material	Polytetrafluoroethylene
Operating range	-60℃ - +260℃
Pressure range	-77Kpa~+1.6Mpa
Apparent density	2.10-2.30 g/cm 3
Tensile strength (min)	18 Mpa
Ultimate elongation (min)	230%
Standard color	Transparent
Certificate	UL, RoHS
Cutting tool	Scissors

Notes:
1. The Part No. will be followed by BK, RD and so on to indicate the color of tube.
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Unit: mm

Insulating sleeving and tubing

PTFE heat-shrinkable tube

Application

It is widely used in military applications, industrial, biomedical, chemical and analytical sciences and printing industry.

Drawing
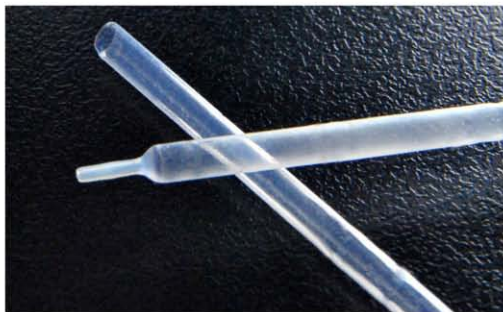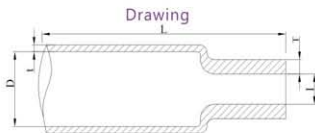
JDD-MTLS PTFE heat -shrinkable tube combines of most advantages of common heat shrinkable tube and outstanding chemical properties of fluoropolymer. This kind of heat shrink tubing consist of 100% PTFE material, meanwhile it is the best of the entire fluoropolymer heat shrink tubing family, provide high temperature and chemical resistance with a low friction rating and a very low level of moisture absorption. when the tube totally shrunk, it need high temperature.

RoHS Compliant

Technical data

Material	Polytetrafluoroethylene
Operating range	-80℃~+260℃
Solubility	≥280℃
Flammability	VW-1
Hardness shore	85
Voltage	30kv/mm
shrinkable Ratio	2:1,4:1
Tool	Heat gun, oven
Certificate	UL, CSA, RoHS

Datasheet

Size (mm)	As supplied (O)			As supplied (I)			Application range
	O.D. (O)	Wall thickness(t)		O.D. (I)	Wall thickness(T)		
		Thin wall	Thick wall		Thin wall	Thick wall	
MTLS-0.5	0.7	0.10	0.15	0.4	0.15	0.25	100M
MTLS-1.0	1.0	0.10	0.15	0.5	0.15	0.25	100M
MTLS-1.5	1.5	0.10	0.20	0.9	0.15	0.25	100M
MTLS-2.0	2.0	0.10	0.20	1.3	0.15	0.30	100M
MTLS-2.5	2.5	0.10	0.20	1.5	0.15	0.30	100M
MTLS-3.0	3.0	0.15	0.20	1.8	0.20	0.30	100M
MTLS-3.5	3.5	0.15	0.20	2.0	0.20	0.30	100M
MTLS-4.0	4.0	0.15	0.20	2.5	0.20	0.30	100M
MTLS-4.5	4.5	0.15	0.20	2.8	0.20	0.30	100M
MTLS-5.0	5.0	0.15	0.20	3.0	0.20	0.30	100M
MTLS-6.0	6.0	0.15	0.25	3.8	0.25	0.38	100M
MTLS-7.0	7.0	0.15	0.25	4.0	0.25	0.38	100M
MTLS-8.0	8.0	0.15	0.25	4.8	0.25	0.38	100M
MTLS-9.0	9.0	0.15	0.25	5.0	0.25	0.38	100M
MTLS-10	10.0	0.15	0.25	6.0	0.25	0.38	1.22M
MTLS-12	12.0	0.30	0.70	7.0	0.25	0.38	1.22M
MTLS-15	15.0	0.30	0.70	9.0	0.50	1.0	1.22M

Unit: mm

Notes:
1. The Part No. will be followed by BK, RD and so on to indicate the color of tube.
2 indicated the shrinkable ratio is 2:1 , "4" indicates the shrinkable ratio is 4:1.
2. Special packages, sizes and colors can be supplied upon request.
3. The most reliable method for shrinking this product is the use of a controlled temperature oven; however this is impractical with large harnesses or temperature sensitive components.
4. All numeric data shows average or typical values, not including customized sizes.

Corrugated Flexible Conduit

Application

It is widely used for protecting wires and cables harnesses in automotive, equipment, railway etc. It also can be used for protecting the hydraulic hoses.

JDD-MELG corrugated flexible conduit offers you wide range technical properties for your cable and wire management applications against not only mechanical damage but also the influences of UV radiation, weathering and chemicals. The flexible body allows for the cables in the corner and elbow. We also supply the split style for easy installation and removal.

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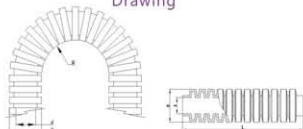
Datasheet					
PE material Part No.	PA material Part No.	PP material Part No.	I.D*O.D (d*D)	Bending radius (R±10%)	Packing (L)
MELG-7	MNLG-7	MDLG-7	4.5×7.0	5.0	200 m/roll
MELG-8.5	MNLG-8.5	MDLG-8.5	5.5×8.5	8.0	100 m/roll
MELG-10	MNLG-10	MDLG-10	7.0×10.0	10.0	100 m/roll
MELG-12	MNLG-12	MDLG-12	8.5×11.5	15.0	100 m/roll
MELG-13	MNLG-13	MDLG-13	10.0×13.0	20.0	100 m/roll
MELG-15.8	MNLG-15.8	MDLG-15.8	12.0×15.8	30.0	100 m/roll
MELG-18.5	MNLG-18.5	MDLG-18.5	14.3×18.5	40.0	100 m/roll
MELG-21.2	MNLG-21.2	MDLG-21.2	17.0×21.2	45.0	100 m/roll
MELG-25	MNLG-25	MDLG-25	21.0×25.0	50.0	100 m/roll
MELG-28.5	MNLG-28.5	MDLG-28.5	23.0×28.5	55.0	50 m/roll
MELG-34.5	MNLG-34.5	MDLG-34.5	29.0×34.5	60.0	50 m/roll
MELG-42.5	MNLG-42.5	MDLG-42.5	36.0×42.5	70.0	25 m/roll
MELG-54.5	MNLG-54.5	MDLG-54.5	48.0×54.5	80.0	25 m/roll

Unit:mm

RoHS Compliant

Technical data	
Material	1) MELG :PE 2) MNLG :PA 3) MDLG :PP
Operating range	1) MELG: 2) MNLG: 3) MDLG:
Standard color	Black and grey.
Certificate	RoHS
Other features	Highly abrasion resistance, resist acids, solvents and fuels resistant.

Notes:
1.The part No. will be followed by BK, GR and so on to indicate the color of flexible conduit.
2.Special packages, sizes and colors can be supplied upon request.
3.All numeric data shows average or typical values, not including customized sizes.

Insulating sleeving and tubing

PVC coated galvinized steel flexible conduit

Application

It is widely used in power plants, power transmission systems, communication systems, transportation system for protecting the electrical wires.

Drawing

JDD-MBWG PVC coated galvanized steel flexible conduit is made of a galvanized steel strip after special insulation treated and coated with the refined PVC covering. It is water-proof, corrosion resistant, UV resistant, flame retardant and has good bending performance, the smooth inner structure keeps the wire and cable through easily. This conduit is ideal for static and dynamic applications requiring high mechanical protection and high flexibility.

RoHS Compliant

Technical data

Tube material	Steel
Coating material	Polyvynil chloride
Operating range	-10℃ - +80℃ ,100℃ in short time
Standard color	Black , grey
Certificate	RoHS
Cutting tool : pliers	Pliers

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color of flexible conduit .
2. Special packages, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Datasheet				
Part No.	I.D. (d)	O.D. (D)	Bending radius (R±10%)	Packing (L)
MBWG-004	4.0	7.0	30.0	200m/roll
MBWG-006	6.0	9.0	40.0	200 m/roll
MBWG-008	8.0	11.8	45.0	100 m/roll
MBWG-010	10.0	14.5	55.0	100 m/roll
MBWG-012	12.0	16.5	60.0	100 m/roll
MBWG-013	13.0	17.5	65.0	100 m/roll
MBWG-015	15.0	20.2	80.0	100 m/roll
MBWG-016	16.0	21.2	85.0	100 m/roll
MBWG-019	19.0	24.5	95.0	50 m/roll
MBWG-020	20.0	25.5	100.0	50 m/roll
MBWG-025	25.0	31.7	115.0	50 m/roll
MBWG-032	32.0	39.6	140.0	50 m/roll
MBWG-038	38.0	46.6	160.0	50 m/roll
MBWG-051	51.0	59.5	190.0	25 m/roll
MBWG-064	64.0	73.5	280.0	20 m/roll or 10 m/roll
MBWG-075	75.0	84.5	320.0	20 m/roll or 10 m/roll
MBWG-100	100.0	109.0	340.0	20 m/roll or10 m/roll
MBWG-125	125.0	136.0	360.0	5 m/roll
MBWG-150	150.0	161.0	400.0	5 m/roll

Unit: mm

Spiral protector
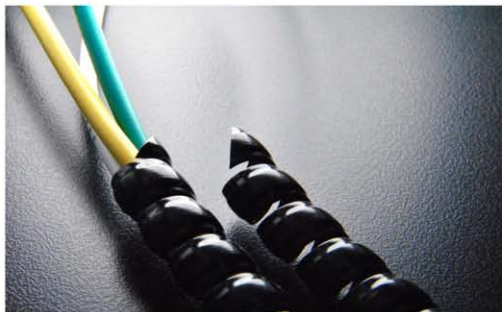
JDD-MLXG spiral protector provides maximum protection against abrasion and has a high resistance against ultraviolet weathering in a wide temperature range. It can installs easily without removing connectors or terminals. Dramatically increases serviceable life and reduces costly repairs and down time.

Application

Simply fix one end by hand first, then wrapped around the cable in a clockwise direction and tighten it up.

Drawing

Datasheet						
Part No.	I.D.	Wall thickness		Width (W)	Bundle diameter range	Packing (L)
		(T)	(t)			
MLXG-008	8.0	1.2	0.4	8.0	8.0-11.0	
MLXG-010	10.0	1.3	0.4	10.0	10.0-13.0	
MLXG-012	12.0	1.5	0.5	12.0	12.0-15.0	
MLXG-016	16.0	2	0.5	15.0	15.0-18.0	
MLXG-018	19.0	2	0.5	16.0	18.0-21.0	
MLXG-020	20.0	2.5	0.5	18.0	19.0-25.0	
MLXG-025	25.0	2.5	0.7	21.0	23.0-29.0	
MLXG-028	28.0	3.0	0.7	22.0	26.0-32.0	
MLXG-030	30.0	3.0	1.0	22.0	28.0-35.0	
MLXG-032	32.0	3.0	1.0	23.0	30.0-37.0	2m
MLXG-035	35.0	3.5	1.0	24.0	32.0-40.0	
MLXG-038	38.0	3.5	1.0	25.0	35.0-43.0	
MLXG-042	42.0	3.5	1.0	25.5	39.0-47.0	
MLXG-045	45.0	3.5	1.0	26.0	42.0-50.0	
MLXG-050	50.0	3.5	1.2	27.0	46.0-55.0	
MLXG-060	60.0	4.0	2.0	28.0	55.0-66.0	
MLXG-074	74.0	4.4	2.2	29.0	68.0-70.0	
MLXG-088	88.0	4.9	2.4	31.0	82.0-95.0	
MLXG-100	100.0	5.2	2.5	33.0	94.0 -110.0	

Unit: mm

RoHS Compliant

| Technical data	
Material	Modified Polypropylene
Operating range	-10℃ - +105℃
Tensile strength	25 MPa at normal temperature
Standard color	Black
Certificate	RoHS
Other features	Impervious to oils, solvents

Notes:
1. The part No. will be followed by BK, GR and so on to indicate the color .
2. Special package, sizes and colors can be supplied upon request.
3. All numeric data shows average or typical values, not including customized sizes.

Insulating sleeving and tubing

Flexible plastic net

Application

Widely used for wine bottle sleeves, cable protection, gas cylinder sleeves, precision parts protection and rose wrap etc.

Drawing
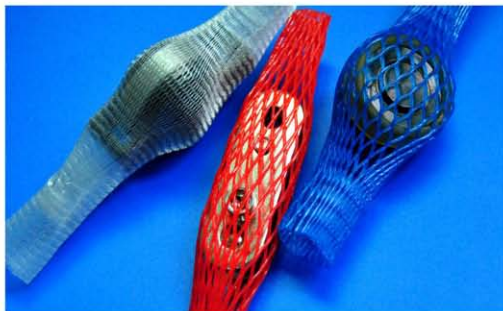
JDD-MZSW the flexible plastic net is extruded from PE or PP raw material. It has excellent flexibility and expandability, it can be expanded 2 to 5 times than the natural size. It is widely used for protecting delicate objects and precision parts away from damage and loss through manufacture, storage and transporting.

RoHS Compliant

Technical data

Material	Polyethylene or Polypropilene
Operating range	-20℃- +85℃
Certificate	RoHS
Standard color	Transparent, white

	Datasheet			
PE material Part No.	PP material Part No.	Nominal size (W)	Expanded range (I to O)	Packing (L)
MZSW-15	MZSP-15	10 -15	8-20	
MZSW-20	MZSP-20	15 -20	10-25	
MZSW-25	MZSP-25	20 -25	15-30	
MZSW-30	MZSP-30	25 -30	20-35	
MZSW-35	MZSP-35	30 -35	20- 40	
MZSW-40	MZSP-40	35 -40	30- 45	
MZSW-45	MZSP-45	40 -45	30-50	
MZSW-50	MZSP-50	45 -50	35-55	
MZSW-55	MZSP-55	50 -55	40-60	
MZSW-60	MZSP-60	55 -60	50-65	
MZSW-70	MZSP-70	60 -70	65-75	
MZSW-80	MZSP-80	70 -80	70-85	100/spool
MZSW-85	MZSP-85	80 -85	70-90	
MZSW-90	MZSP-90	85 -90	85-95	
MZSW-95	MZSP-95	90 - 95	80-100	
MZSW-120	MZSP-120	110 -120	100-120	
MZSW-130	MZSP-130	125 -130	120-130	
MZSW-135	MZSP-135	130 -135	120-140	
MZSW-140	MZSP-140	135 -140	130-150	
MZSW-160	MZSP-160	150 -160	130-160	
MZSW-220	MZSP-220	210 -220	200-230	
MZSW-235	MZSP-235	225 -235	230-260	

Notes:
1. Nominal size indicates the flat width.
2. The part No. will be followed by BK, YL, GN, RD and so on to indicate the color of product.
3. Special package, sizes and colors can be supplied upon request.
4. All numeric data shows average or typical values, not including customized sizes.

Unit: mm

Hot knife

1.Quadrate hot knife

Datasheet	
Part No.	KD-9
Voltage	AC230V/50Hz
Power	MAX.70W
Blade temperature	up to 800℃ in seconds
Cord length	3.3m
Max. cutting width	50mm
Weight	2.1kg
Function	cut and seal the end of sleeve to prevent fraying
Application purpose	economic solution for mass production

2.Handheld hot knife

Datasheet	
Part No.	KD-8-3
Voltage	AC230V/50Hz AC120V/60Hz
Power	MAX.70W
Blade temperature	up to 800℃ in seconds
Cord length	2.9M
Max. cutting width	50mm
Weight	1.1kg
Function	cut and seal the end of sleeve to prevent fraying
Application purpose	individual project or small volume production

3. Automatic cutting machine

Datasheet	
Part No.	HN-100
Voltage	110/220V
Power	cold cut80W hot cut 80W+660W
Blade temperature	1-500℃
Max. cutting Length	1-9999mm
Max. cutting width	1-100mm
Dimension	L=600mm W=600mm H=800mm
Weight	60kg
Function	cut and seal the end of sleeve to prevent fraying
Application purpose	efficient solution for mass production

JDDTECH

1.Digital display hot gun 1

Heating

The fan continue
operate one minute,
then stop self-acting

On-off switch

Datasheet	
Part No.	CS-860
Power/voltage	1600W/220V-240V
Temperature	100℃-590℃ digital control temperature
Air volume	166L/M. 330L/Min. 500L/Min
weight	840g
Carton size	40.5x28.5x54.5cm
Q.C	10pcs
G.W/N.W	12.5kg/9.0kg

Function
Cool/hot air, first step, second step, electronic control
air volume, adjustable temperature, constant temperature,
digital display and control temperature.

2.Digital display hot gun 2

Datasheet	
Part No.	CSH-822B
Power/voltage	1600W/220V-240V
Temperature	100℃-590℃ digital control temperature
Air volume	250L/Min. 500L/Min
weight	840g
Carton size	40.5x28.5x54.5cm
Q.C	10pcs
G.W/N.W	11kg/8kg

Function
Cool/hot air, adjustable temperature, constant
temperature, digital display and control temperature.

3. Standard hot gun

Datasheet	
Part No.	CS-822
Power/voltage	1600W/220V-240V
Temperature	100℃-590℃ electronic steplessly adjust temperature
Air volume	250L/Min. 500L/Min
Function	Cool/hot air adjustable temperature
weight	840g
Carton size	40.5x28.5x54.5cm
Q.C	10pcs
G.W/N.W	11kg/8kg

Offering additional customer service

In order to satisfy your other requirements for our products, JDDTECH provides many other services which include cutting, special packing, printing and so on.

1.Cutting to any length

One inch, one hundred feet or any length once you require, our skilled operator and accurate cutting machine will not give you any disappointment. Cutting piece will be wrapped together with rubber band.

2.Heat-treating round

Heat treating round is one of our main additional services. Sometimes our customers ask for round sleeving in order to install on the cable or wire easily. As we know, the most braided sleeving is flat shape when it is produced, especially for some big sizes, however, our company have a special machine and mature technology to make it round easily and fast, meanwhile, the sleeving retains all of it

3.Special packing-blister

White card board spool is our common packing, but we also can make a special packing according to your require. packed in blister.

4.Special packing-box

When we stock the sleeving in warehouse for quite long time, especially for colorful sleeving, there will be much dust on them. This kind of small box package can solve this problem. It looks very beautiful and simple with two hole .The sleeving can be easily pulled out from the box through the hole without opening the box, because there is a smaller spool in it.

5.Special packing-box without spool

Use the JDD special small box with a hole in the middle, we can pack 100 meters small diameter sleeving or 50 meters big diameter sleeve in it. You can pull the sleeving out of the box very easily when you install the sleeving on the cable harness. It is very convenience for retail and installation.

6.Braiding over cable

For saving labor cost to our customer, we can offer braiding service for some high grade cables, for example HDMI cable, A/V cable. Generally ,we shall provide a pattern book for your choices, special patterns can be supplied upon request.


7. Adusting construction

The construction of sleeving can be woven upon your request for different applications. There are two models on the left, one is braided with 3 strands of yarns, other with 1 strand of yarn, you will get totally different looks.

8.Splice limited spools

Some splices are unavoidable during the braiding process. Usually, no more than one or two splices will be on any supplied spools. However, if you have extreme requirement for splice, free splice spools can be offered with some extra charges.
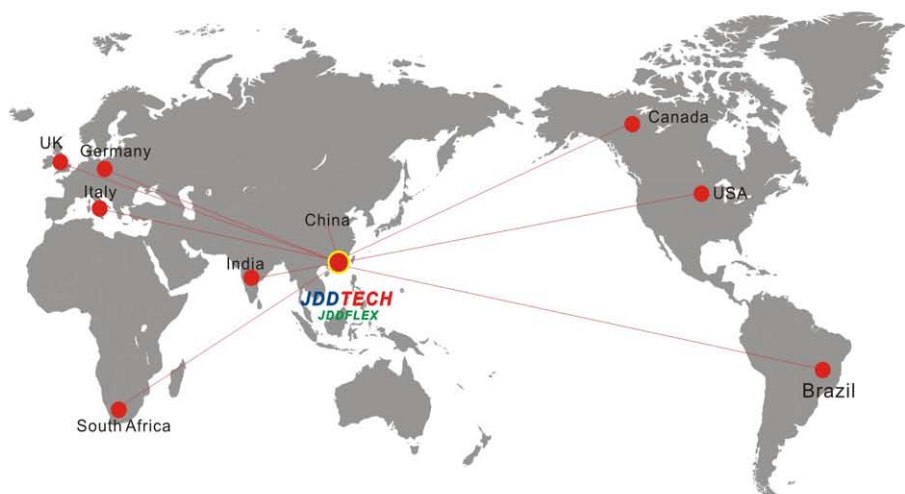
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