

PROTECTION SOLUTIONS FOR HOSE, CABLE & HARNESS APPLICATIONS

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Türkiye

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PRODUCT SELECTION & SOLUTIONS GUIDE



General Purpose Flat Spiral Sheath



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It is frequently used in the protection of hydraulic hose, pressure pipe and cable products. Adding a spiral wrap to the outer surface of these products not only increases wear resistance, but also improves insulation, oil resistance and flame retardant properties. In addition, by increasing the resistance to ultraviolet radiation, it extends the service life of the product and can provide an aesthetic appearance.

After fixing one end of the spiral pipe with the protection strap, you need to tighten it clockwise to form a loop. This process increases the protective properties of the product, ensuring a longer lifespan and improving its overall performance.

Technical data

Material: High density polyethylene (HDPE)
Operating range: -40°C~+80°C
Tensile strength: 25 MPa at room temperature
Standard color: Black
Other features: Oil resistant, oiling agent resistant and anti-UV
Standard Package: 10m-20m/carton



Datasheet

Part No.	O.D.	I.D.	Wall thickness (W)	Screw pitch (P)	Applicable product size
DSK-012	12.0±1	9.6±1	1.2±0.15	10.5±1	9~13
DSK-016	16.0±1	13.4±1	1.3±0.15	12±1	13~18
DSK-020	20.0±1	16.0±1	2.0±0.15	15±1	16~22
DSK-025	25.0±2	20.6±2	2.2±0.15	17±1	20~27
DSK-032	32.0±2	27.0±2	2.5±0.25	22±1	27~36
DSK-040	40.0±2	34.6±2	2.7±0.30	24±1	34~44
DSK-050	48.5±3	41.5±3	3.4±0.30	30±1	43~55
DSK-063	62.6±3	56.0±3	3.7±0.30	37±1	55~67
DSK-075	75.0±4	66.2±4	4.4±0.30	42±1	66~80
SGF-090	90.0±5	80.2±5	4.9±0.30	45±1	80~90
DSK-110	110.0±6	99.0±6	5.5±0.30	50±1	99~115
DSK-125	125.0±6	113.2±6	5.9±0.40	52±1	113~130

Note:
1. Special package, sizes and colors can be supplied upon request.

Unit: mm

Anti-Static Flat Spiral Sheath



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By adding spiral wrap to the outside of the products used to protect hydraulic hose, pressure pipe and cable products, it is aimed to increase wear-resistant, insulating, oil-resistant and flame retardant performance and provide resistance to ultraviolet radiation. These improvements have been extensively implemented to extend the service life of the products and improve their aesthetic appearance.

First, secure one end of the spiral hose with a protection strap, then tighten it in a clockwise circular motion.

Technical data

Material: High density polyethylene (HDPE)
Operating range: -40°C~+80°C
Tensile strength: 25 MPa at room temperature
Standard color: Black
Certificate: TUV radiation, AS 1180.13A
BS EN 13758-1:2002/AS 2660-1991
Other features: Oil resistant, oiling agent resistant and anti-UV
Standard Package: 10m-20m/carton



Datasheet

Part No.	O.D.	I.D.	Wall thickness (W)	Screw pitch (P)	Applicable product size
DSKA-012	12.0±1	9.6±1	1.2±0.15	10.5±1	9~13
DSKA-016	16.0±1	13.4±1	1.3±0.15	12±1	13~18
DSKA-020	20.0±1	16.0±1	2.0±0.15	15±1	16~22
DSKA-025	25.0±2	20.6±2	2.2±0.15	17±1	20~27
DSKA-032	32.0±2	27.0±2	2.5±0.25	22±1	27~36
DSKA-040	40.0±2	34.6±2	2.7±0.30	24±1	34~44
DSKA-050	48.5±3	41.5±3	3.4±0.30	30±1	43~55
DSKA-063	62.6±3	56.0±3	3.7±0.30	37±1	55~67
DSKA-075	75.0±4	66.2±4	4.4±0.30	42±1	66~80
SGFC-090	90.0±5	80.2±5	4.9±0.30	45±1	80~90
DSKA-110	110.0±6	99.0±6	5.5±0.30	50±1	99~115
DSKA-125	125.0±6	113.2±6	5.9±0.40	52±1	113~130

Note:
1. Special package, sizes and colors can be supplied upon request.

Unit: mm

General Purpose Cambered Sheath



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It is a basic material used in the protection of hydraulic hose, pressure pipe and cable products. Spiral winding has been added to the outside of these products to increase their durability and extend their service life. This wrapping protects the products against wear, provides insulation and increases oil resistance. It also increases safety and resists ultraviolet radiation thanks to its flame retardant properties. These features comprehensively improve the performance of the products and also make them more aesthetically appealing.

First, secure one end of the spiral hose with a protection strap, then tighten it in a clockwise circular motion.

Technical data

Material:High density polyethylene(HDPE)
Operating range: -40°C~+80°C
Tensile strength:25 MPa at room temperature
Standard color:Black
Other features:Oil resistant, oiling agent resistant and anti-UV
Standard Package:10m-20m/carton

Datasheet

Part No.	O.D.	I.D.	Wall thickness (W)	Screw pitch (P)	Applicable product size
BS-012	12.0±1	9.6±1	1.2±0.15	10.5±1	9~13
BS-016	16.0±1	13.4±1	1.3±0.15	12±1	13~18
BS-020	20.0±1	16.0±1	2.0±0.15	15±1	16~22
BS-025	25.0±2	20.6±2	2.2±0.15	17±1	20~27
BS-032	32.0±2	27.0±2	2.5±0.25	22±1	27~36
BS-040	40.0±2	34.6±2	2.7±0.30	24±1	34~44
BS-050	48.5±3	41.5±3	3.4±0.30	30±1	43~55
BS-063	62.6±3	56.0±3	3.7±0.30	37±2	55~67
BS-075	75.0±4	66.2±4	4.4±0.30	42±2	66~80
BS-090	90.0±5	80.2±5	4.9±0.30	45±2	80~90
BS-110	110.0±6	99.0±6	5.5±0.30	50±3	99~115
BS-125	125.0±6	113.2±6	5.9±0.40	52±3	113~130

Note:
1. Special package, sizes and colors can be supplied upon request.

Unit: mm



Anti-Static Cambered Sheath



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It is one of the main products used in the protection of hydraulic hose, pressure pipe and cable products. By adding spiral winding to the outer surface of these products, various properties have been improved. Thanks to these improvements, products become more durable, insulated, oil-resistant, flame retardant and resistant to ultraviolet radiation. While these improvements increase the service life of the products, they also provide a more aesthetically attractive appearance.

First, secure one end of the spiral hose with a protection strap, then tighten it in a clockwise circular motion.

Technical data

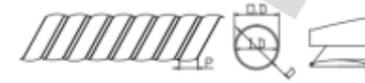
Material:High density polyethylene(HDPE)
Operating range: -40°C~+80°C
Tensile strength:25 MPa at room temperature
Standard color:Black
Certificate:TUV radiation,AS 1180.13A, BS EN 13758-1:2002/AS 2660-1991
Other features:Oil resistant, oiling agent resistant and anti-UV
Standard Package:10m-20m/carton

Datasheet

Part No.	O.D.	I.D.	Wall thickness (W)	Screw pitch (P)	Applicable product size
BSA-012	12.0±1	9.6±1	1.2±0.15	10.5±1	9~13
BSA-016	16.0±1	13.4±1	1.3±0.15	12±1	13~18
BSA-020	20.0±1	16.0±1	2.0±0.15	15±1	16~22
BSA-025	25.0±2	20.6±2	2.2±0.15	17±1	20~27
BSA-032	32.0±2	27.0±2	2.5±0.25	22±1	27~36
BSA-040	40.0±2	34.6±2	2.7±0.30	24±1	34~44
BSA-050	48.5±3	41.5±3	3.4±0.30	30±1	43~55
BSA-063	62.6±3	56.0±3	3.7±0.30	37±2	55~67
BSA-075	75.0±4	66.2±4	4.4±0.30	42±2	66~80
BSA-090	90.0±5	80.2±5	4.9±0.30	45±2	80~90
BSA-110	110.0±6	99.0±6	5.5±0.30	50±3	99~115
BSA-125	125.0±6	113.2±6	5.9±0.40	52±3	113~130

Note:
1. Special package, sizes can be supplied upon request.

Unit: mm



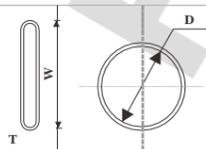
Burst Sheath



FRY-BK624D burst sheath is a product that has a double-layer structure consisting of nylon multifilament. It is one of the highest performance sleeves specially designed for environments that require high resistance to abrasion and weather conditions. This sleeve helps protect both workers and equipment from the adverse effects of hydraulic oil released under high pressure.

Technical data

Material:Nylon (polyamide)
Thickness: 2.3 mm
(inner layer1.0mm and outer layer1.3mm)
Operating range:-40~+125°C
Melting Point:230°C(the sleeve loses 10% of the resistance at 125°C)
MSHA approved
Burst Test approved,
minimum 420 Bar (6000 PSI)
Pin Hole Test approved.
6 minutes at 420 Bar (6000 PSI)
Abrasion Standard ISO 6945 approved,
minimally 250,000 cycles



Datasheet

Part No.	Flat width (W)	Normal Round I.D.	Min. Round I.D.	Max. Round I.D.
★BK624D-020	38	20	18	22
★BK624D-027	49	27	25	29
★BK624D-030	53	30	28	32
★BK624D-034	60	34	32	36
★BK624D-036	63	36	34	38
★BK624D-040	69	40	38	42
★BK624D-046	78	46	44	48
★BK624D-054	91	54	52	56
BK624D-058	97	58	56	60
BK624D-062	104	62	60	64
BK624D-066	110	66	64	68
BK624D-070	116	70	68	72
BK624D-077	127	77	75	79
BK624D-080	132	80	78	82
BK624D-084	138	84	82	86
BK624D-090	148	90	88	92
BK624D-095	155	95	93	97

- Notes:
1. Standard 50m per roll is 2 pieces maximum.
2. Available diameter range from 20mm to 95mm.
3. Special package, size and colors can be supplied upon request.
4. Popular sizes are marked in.

Unit: mm

Fast Sheath



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FRY fast sheath is made of 100% PA6 fabric cover with PU coating and equipped with hook and loop fasteners. The hook and loop design makes packing the hose assembly quick and easy. It is a good idea for applications where spiral shaped products are very difficult to wrap. Can be used over and over again.

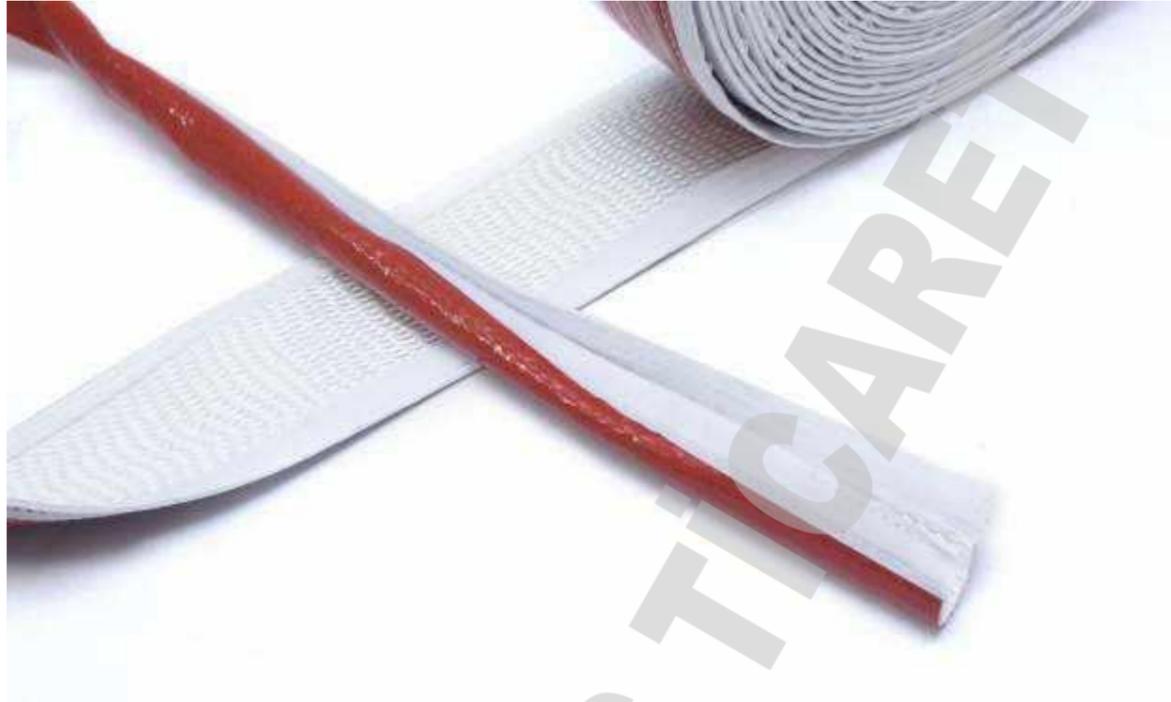
Datasheet

Parça No.	I.D. (mm)	I.D. (inch)	Flat width (mm)	Packing (m/roll)
FKWRAP-040	40	1-1/2	150	25
FKWRAP-050	50	2	180	25
FKWRAP-060	60	2-1/2	232	25
FKWRAP-075	75	3	263	25
FKWRAP-080	80	1/4	295	25
FKWRAP-100	100	4	357	25
FKWRAP-125	125	5	476	25
FKWRAP-150	150	6	554	25
FKWRAP-175	175	7	633	25
FKWRAP-200	200	8	711	25

Note:
Other sizes available on request.

Unit: mm

Hook and Loop Fire Sheath



Hook and loop fire sheath is manufactured from a thick sheet of E-glass fiberglass with a self-extinguishing high temperature silicone coating. This dense fiber structure is designed to protect equipment such as hoses, cables and wiring harnesses from damage caused by excessive heat. This fire sleeve provides effective protection against open flame and molten splashes.

Hook and loop design allows you to easily install and remove devices or circuits without disconnecting them.

Technical data

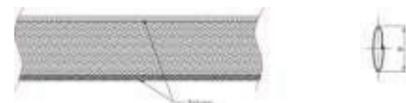
Sleeving material:Fiberglass fiber

Coating material:Silicone

Velcro material:PA

Operating range:-50°C ~+260°C

Standard color:Brick red



Datasheet

Part No.	I.D. (mm)	I.D. (inch)	Wall thickness	Packing (m/roll)
KIFK-10	10	3/8	2.1	20
KIFK-15	15	5/8	2.4	20
VGWG-20	20	3/4	2.6	20
VGWG-25	25	1	2.9	20
KIFK-30	30	1 1/8	3.1	20
KIFK-35	35	1 3/8	3.4	20
KIFK-40	40	1 5/8	3.4	20
KIFK-45	45	1 3/4	3.6	20
KIFK-50	50	2	3.7	20
KIFK-55	55	2 1/6	3.8	15
KIFK-60	60	2 3/8	4.0	15
KIFK-65	65	2 1/2	4.1	15
KIFK-70	70	2 3/4	4.3	15
KIFK-75	75	3	4.3	15
KIFK-80	80	3 1/8	4.5	15
KIFK-85	85	3 3/8	4.5	15
KIFK-90	90	3 1/2	4.6	15
KIFK-95	95	3 3/4	4.6	15
KIFK-100	100	4	4.7	10
KIFK-105	105	4 1/8	4.7	10
KIFK-110	110	4 3/8	4.8	10
KIFK-115	115	4 1/2	4.8	10

Note:

1. Special packages and sizes can be supplied upon request.

Unit: mm

Acrylic Saturated High Temperature Fiberglass Sheaths



Acrylic saturated high temperature fiberglass sleeves are made of fireproof and high quality type E glass. These covers are capable of being continuously exposed to temperatures of 1000°F/540°C. This material is also resistant to acids and most alkalis and is not affected by such chemicals. Additionally, it is compatible with many bleaches and solvents.

Applications include thermal insulation and protection of industrial hoses and cables, as well as high temperature resistant hoses and cables and personal protection.

Technical data

Material:Glass fiber yarn

Operating range: 550°C / less

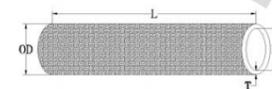
Flammability:VW-1

Rated voltage:1KV

Standard color:white,

other colors can be customized;

Certificate:RoHS



Datasheet

Part No.	Specifications	ID	Wall thickness T	Standard packing L
FRYAFK-0060	φ6	6+1	0.3~0.4	200
FRYAFK-0100	φ10	10+1	0.3~0.4	100
FRYAFK-0120	φ12	12+1	0.3~0.4	100
FRYAFK-0150	φ15	15+2	0.3~0.4	100
FRYAFK-0200	φ20	20+2	0.6~0.8	100
FRYAFK-0250	φ25	25+2	0.6~0.8	100
FRYAFK-0300	φ30	30+3	0.6~0.8	50
FRYAFK-0400	φ40	40+3	0.7~0.9	50
FRYAFK-0500	φ50	50+3	0.7~0.9	50
FRYAFK-0600	φ60	60+5	0.8~1.0	25
FRYAFK-0700	φ70	70+5	0.8~1.0	25
FRYAFK-0800	φ80	80+5	0.9~1.1	25
FRYAFK-0900	φ90	90+5	0.9~1.1	25
FRYAFK-1000	φ100	100+5	1.0~1.2	25

Unit: mm

Silicone Coated Fiberglass Tape



Silicone coated fiberglass tape is made of alkali-free fiberglass material and is used to protect hoses, wires and cables from high temperature and flame hazards. This tape is often used to wrap tapered pipes of complex shapes or different sizes and can also be applied when hoses, wires and cables cannot be protected by sleeves.

Silicone coated fiberglass tape is used to protect components such as fuel lines, hydraulic lines and oil lines from fire and high temperatures. It can also effectively prevent molten iron splashes.

Technical data

Sleeving material:Fiberglass fiber

Coating material:Silicone

Operating range: -40°C~+260°C

Flammability:VW-1

Standard color:Brick red

Datasheet

Part No.	W (mm)	Wall thickness (mm)	Packing (m/roll)
SFB-25	25	3.0	10
SFB-50	50	3.0	10
SFB-76	76	3.0	10
SFB-102	102	3.0	10
SFB-127	127	3.0	10

Note:
Special packages and sizes can be supplied upon request.

Unit: mm



Self-Adhesive Silicone Rubber Tape



Self-adhesive silicone rubber tape is made of self-melting inorganic silicone rubber and tearable insulation membrane. This silicone tape adheres to itself, providing a completely resistant seal against air, dust and water and can therefore be used in almost any environment, effectively both indoors and outdoors.

They are used to protect fuel lines, hydraulic lines and oil lines from heat. Also be used to extend the life of cables and hoses in case of fire.

Technical data

Sleeving material:Fiberglass fiber

Coating material:Silicone

Velcro material:PA

Operating range: -50°C~+260°C

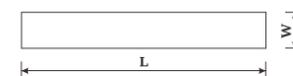
Standard color:Brick red

Datasheet

Part No.	W (mm)	T (mm)	L (m)
YSKB-5253	25	0.5	3
YSKB-5255	25	0.5	5
YSKB-5251	25	0.5	11
YSKB-5384	38	0.5	4.57
YSKB-5505	50	0.5	5
YSKB-8505	50	0.8	5

Note: Other widths and lengths are on request.

Unit: mm



Bundle Strap



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FRY bundle strap is made of 25 mm wide textile sheath with stainless buckle, this bundling strip has a weight carrying capacity of up to 2450 N. These products are often used to bundle assembled hydraulic hoses or other cables. Assembly and disassembly operations can be carried out easily and quickly. Additionally, these products can be used multiple times.



Datasheet

Part No.	Width	Tensile Strength	Length	Packing (pcs/bag)
DS-25	25.4	2450N	600	10
			800	
			1000	
			2000	
			5000	

Note:
Other sizes available on request.

Unit: mm

Bundle Strap (Standard Duty)



FRY "Standard Service Bundle Strap" is designed for economical service applications and is often used to facilitate assembly and bundle already assembled hoses and cables. It offers both perforated and non-perforated options, and the perforated version can be easily mounted on any product, suitable mounting surface.

Datasheet

Part No. without eyelet	Part No. with eyelet	Circumference of Bundle	Approximate diameter of the bundle	Packing
DS04-S	DS04-SD	102	31-33	10
DS06-S	DS06-SD	152	47-49	10
DS08-S	DS08-SD	203	63-67	10
DS10-S	DS10-SD	254	79-83	10
DS12-S	DS12-SD	305	95-99	10
DS14-S	DS14-SD	356	111-115	10
DS16-S	DS16-SD	406	127-131	10
DS18-S	DS18-SD	457	144-148	10
DS20-S	DS20-SD	508	160-164	10
DS22-S	DS22-SD	560	176-180	10
DS24-S	DS24-SD	610	192-196	10
DS26-S	DS26-SD	660	208-212	10

Unit: mm

Bundle Strap (Heavy Duty)



FRY "Heavy Duty Bundle Strap" is specifically designed for demanding industrial applications. Both the fabric and cinch are reinforced to withstand extreme conditions. This versatile strip is commonly employed for bundling pre-assembled hoses and cables. It is available in versions with eyelets and without eyelets, and the eyelet-equipped series can be easily attached to any suitable mounting surface.

Datasheet

Part No. without eyelet	Part No. with eyelet	Circumference of Bundle	Approximate diameter of the bundle	Packing
DS04-A	DS04-AD	102	31-33	10
DS06-A	DS06-AD	152	47-49	10
DS08-A	DS08-AD	203	63-67	10
DS10-A	DS10-AD	254	79-83	10
DS12-A	DS12-AD	305	95-99	10
DS14-A	DS14-AD	356	111-115	10
DS16-A	DS16-AD	406	127-131	10
DS18-A	DS18-AD	457	144-148	10
DS20-A	DS20-AD	508	160-164	10
DS22-A	DS22-AD	560	176-180	10
DS24-A	DS24-AD	610	192-196	10
DS26-A	DS26-AD	660	208-212	10

Unit: mm

Pre-Cut Adhesive-Lined Heat Shrink Tubing



Pre-Cut Adhesive-Lined Heat Shrink Tubes for Secure and Permanent Sleeve Attachment. These tubes effectively remove sharp edges caused by clamps and cable ties. They are available in pre-cut lengths.

Technical data

Material: Polyolefins and hot melting adhesive

Operating range: -45°C ~ +125°C

Shrinkage temperature:

Beginning shrinkage temperature is 70°C,

Completely shrinkage temperature is 125°C

Shrinkage ratio: 3:1

Standard color: Black

Datasheet

Part No.	Size inch	Size mm	I.D. Min.	I.D. Max. W.T.	Standard Length
YDB3-19.1	3/4	19.1	5	1.8	150
YDB3-25.4	1	25.4	6.3	2	150
YDB3-30.0	1-1/4	30	10.2	2.2	150
YDB3-39.0	1-1/2	39	13.5	2.4	150
YDB3-50.8	2	50	17	2.7	150
YDB3-64.0	2-1/2	64	21	3	150
YDB3-75.0	3	75	25	3.2	150
YDB3-90.0	3-1/2	90	30	3.3	150
YDB3-100.0	4	100	34	3.5	150
YDB3-125.0	5	125	42	3.5	150

Unit: mm

PVC Heat-Shrink Cap



This heat-shrinkable cap is designed to provide dustproof and anti-dirt protection for various types of tube openings through thermal shrinkage. The dustproof heat-shrinkable cap is installed at the rear of the tube. After undergoing high-temperature shrinkage, it firmly secures itself to the tube interface, effectively isolating pollutants from entering the tube.

Technical data

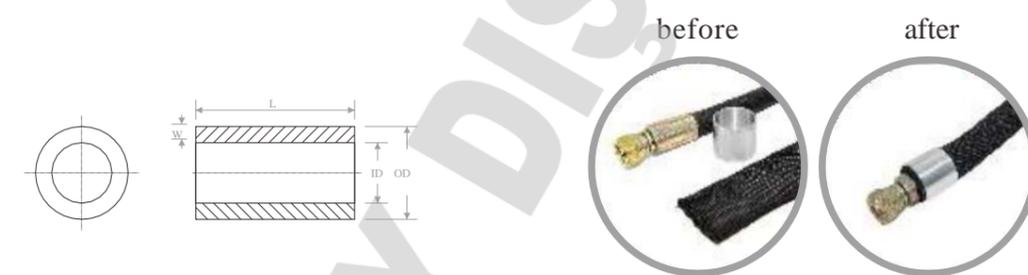
Material:PVC
 Operating range:-15°C~+80°C
 Melting Point: 212°C
 Shrinkage ratio:2:1
 Shrinkage temperature:
 Beginning shrinkage temperature is 70°C,
 Completely shrinkage temperature is 130°C
 Storage temperature:Lower than 60°C
 Standard color:Yellow or printing upon request

Datasheet

Part No.	I.D. x Length	Covered
IDK-2023	20x23	12~18
IDK-2030	20x30	12~18
IDK-2224	22x24	16~21
IDK-2527	25x27	18~23
IDK-2540	25x40	18~23
IDK-2840	28x40	22~26
IDK-3133	31x33	24~29
IDK-3140	31x40	24~29
IDK-3440	34x40	27~32
IDK-3840	38x40	30~36
IDK-4345	43x45	32~41
IDK-4650	46x50	34~44
IDK-5260	52x60	41~50
IDK-5860	58x60	49~56
IDK-6760	67x60	55~65
IDK-8060	80x60	64~78

Unit: mm

Aluminium Ring



Datasheet

Part No.	I.D.	O.D.	(W)	(L)	Std Pack Qty
AH-17	17.0	20.0	1.5	27.0	25
AH-22	22.0	25.0	1.5	27.0	25
AH-27	27.0	30.0	1.5	27.0	25
AH-32	32.0	35.0	1.5	27.0	25
AH-36	36.0	40.0	2.0	27.0	25
AH-39	39.0	45.0	3.0	30.0	25
AH-46	46.0	50.0	2.0	27.0	25

Unit: mm

Hose Bend Restrictors



This product is crafted from high-quality PVC that can endure temperatures ranging from -40°C to 90°C. It finds extensive applications in hydraulic hoses and pressure-wash hoses, effectively reducing bending stress near the hose-coupling to prevent damage. This additional safeguard not only prevents hose damage but also extends its overall lifecycle.

Datasheet

Part No.	I.D.	Min O.D.	Max O.D.	Length
VBK-0095	9.5±1	11.5±1	15.0±1	134.6±2
VBK-0150	15.0±1	18.0±1	21.0±1	140.0±2
VBK-0175	17.5±1	19.6±1	22.5±1	152.4±2
VBK-0190	19.0±1	21.0±2	23.5±2	177.8±2
VBK-0210	21.0±1	22.2±2	25.4±2	177.8±2
VBK-0238	23.8±1	26.8±2	30.8±2	203.2±2

Unit: mm

Notes:
1. Standard colour is black, other colour is available
2. Other sizes are available upon request.

SpringGuard™



Spring Guard is a cost-effective solution for safeguarding hoses against external abrasion and potential damage. It is constructed from galvanized steel, ensuring outstanding wear resistance and anti-crush properties.

Datasheet

Part No.	I.D.	Wire diameter	Pitch	Length m/roll
YK-017	17±0.2	1.8±0.02	4.0±0.2	6
YK-021	21±0.2	1.8±0.02	4.0±0.2	6
YK-023	23±0.2	1.8±0.02	4.0±0.2	6
YK-027	27±0.2	1.8±0.02	4.0±0.2	6
YK-031	31±0.2	2.0±0.02	4.0±0.2	6
YK-034	34±0.2	2.0±0.02	4.0±0.2	6
YK-041	41±0.2	2.5±0.02	8.0±0.2	6
YK-049	49±0.2	2.5±0.02	8.0±0.2	6
YK-056	56±0.2	3.0±0.02	8.0±0.2	6
YK-061	61±0.2	3.0±0.02	8.0±0.2	6
YK-068	68±0.2	3.0±0.02	8.0±0.2	6
YK-075	75±0.2	3.0±0.02	8.0±0.2	6

Unit: mm

Service Plug



The service plug is designed to seal hoses or rigid pipes in order to prevent the leakage of oils and chemicals into the environment and to safeguard valuable oils and fluids within systems during maintenance and repair. Additionally, it can serve as a protective barrier for machine channels, shielding them from dust and corrosion. Moreover, when carrying out cleaning or painting processes, it is instrumental in preventing water, paint, dust, and pollutants from causing harm to the system and its components.

Technical data

Temperature range: -25°C~+90°C

Resistant to most oils and chemicals

Plugs are solid and can be cut if necessary

For industrial use on lines and hoses
For non-pressurised system only

Re-usable

Datasheet

Part No.	Plug Range	Std Pack Qty
ST-001	1~10	20
ST-002	5~22	10
ST-003	13~42	4

Unit: mm

Braided Wire



Designed for braid electrical wiring harness systems. These ropes are widely used in the external engine and cabin harnesses of trucks, cars and other heavy-duty machines. Main areas of use; Automobile, Construction Equipment, Aviation, Maritime, Space Research, Military.

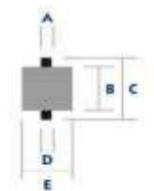


Technical data

Product Code	FRY-I070	FRY-I100
Diameter (mm)	0.70±5%	1.00±5%

Packing Detail

	Bulk tube	Braid tube I	Braid tube II
A	81mm	22mm	22mm
B	254mm	127mm	127mm
C	285mm	140mm	140mm
D	76mm	16mm	16mm
E	210mm	44mm	60mm



Standard weights: Bulk tube 6kg, Braid tube I 0.13kg, Braid tube II 0.3kg
Braid tube can have singly and in pairs.
Regular color is black, yellow, gold and red.

Polyester Expandable Sheath



FRY-PK Polyester expandable sheath is not only flame-retardant but also halogen-free. It provides robust abrasion resistance, making it suitable for various heavy-duty equipment applications. Its open weave design facilitates straightforward installation on bundles of hoses and wire harnesses, even when dealing with bulky or large connectors. When fully expanded, the sleeving can reach dimensions at least 1.5 times its initial size.

This sleeving is utilized to cover cables, wire harnesses, tubes, and industrial hoses where an extra layer of protection is needed.

Technical data

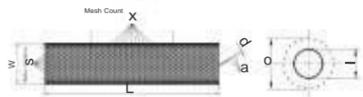
Material: Polyester
 Operating range: -50°C ~ +150°C
 Melt point: 240±10°C
 Flammability: VW-1
 Standard color: Black, Grey
 Certificate: UL, RoHS, REACH, Halogen Free
 Cutting tool: Hot knife

Datasheet

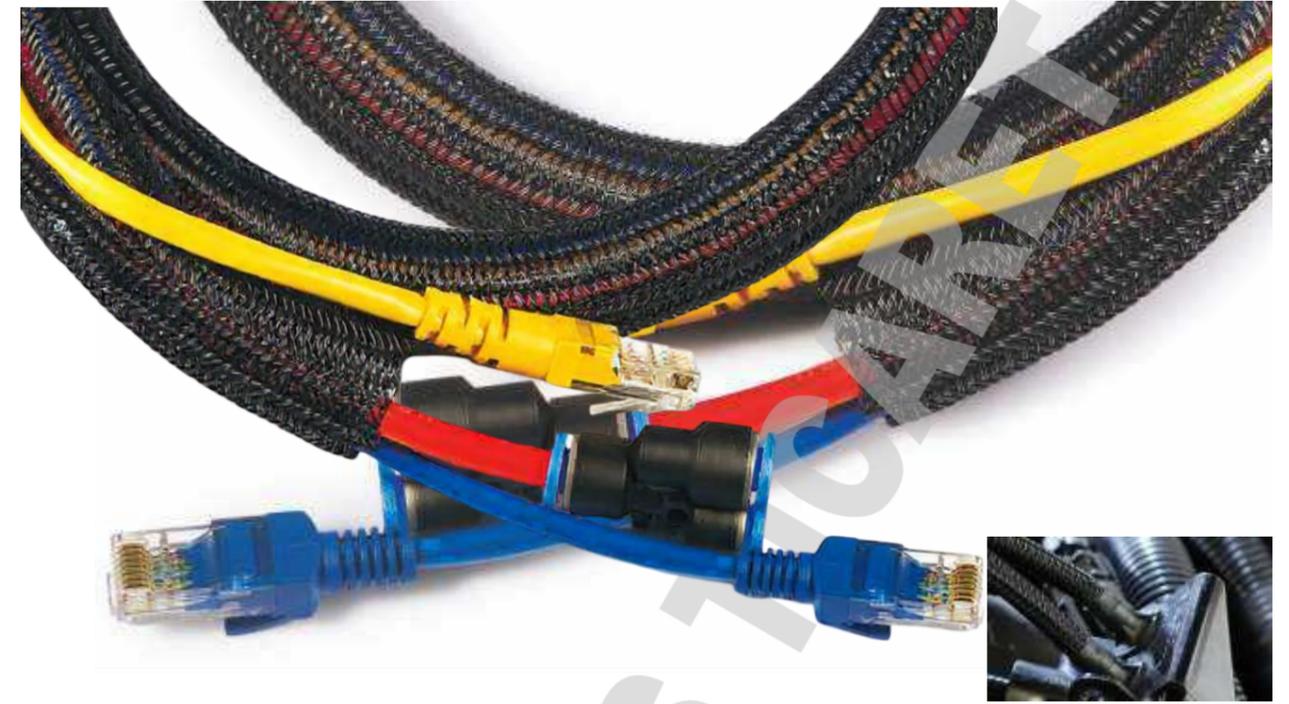
Part No.	Nominal size		Expanded range		Standard Packing spool (m)
	inch	mm	Min.(I)	Max.(O)	
PK-003	1/8"	3	1	6	1000
PK-006	1/4"	6	3	9	500
PK-008	5/16"	8	5	16	350
PK-010	3/8"	10	7	19	350
PK-012	1/2"	12	8	24	350
PK-016	5/8"	16	10	27	250
PK-019	3/4"	19	14	30	200
PK-025	1"	25	18	35	200
PK-032	1-1/4"	32	20	50	150
PK-038	1-1/2"	38	30	60	100
PK-045	1-3/4"	45	35	75	100
PK-050	2"	50	40	80	100
PK-064	2-1/2"	64	45	105	100
PK-076	3"	76	64	120	100

Unit: mm

- Notes:
- Nominal size indicates the flat width
 - Special packing, sizes, and colors can be supplied upon request.
 - This sleeving has expandable character, the following sizes are covered by the nearest: 16mm=15mm, 19mm=20mm, 32mm=30mm, 38mm=40mm, 51mm=50mm



Self-wrapping Cable Sheath



FRY-KKOS Self-wrapping cable sheath presents innovative solutions for safeguarding breakout areas, making cable inspection and maintenance more convenient. Its unique open structure allows for installation after other components, such as copper terminals and connectors, have been put in place.

It is an ideal solution for applications in wire harnesses, automatic equipment, railways, and the general manufacturing industry where wires and tubes require robust and durable protection.

Technical data

Material: Polyester
 Operating range: -50°C ~ +150°C
 Melt point: 240±10°C
 Flammability: UL94 V2
 Certificate: RoHS, Halogen Free
 Standard color: Black
 Cutting tool: Hot knife, Scissors

Datasheet

Part No.	I.D. (d)	Overlap (%)	Max. bundle dia.	Packing (m)
KKOS-009	9	25	10	100
KKOS-013	13	25	14	50
KKOS-019	16	25	17	25
KKOS-025	19	25	20	25
KKOS-032	25	25	26	25
KKOS-038	32	25	33	25
KKOS-050	38	25	40	25
KKOS-016	50	25	52	25

Note:
 1. Special packing, sizes, and colors can be supplied upon request.

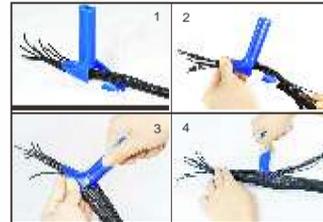
Unit: mm



Self-wrapping Sheath



KKS tool



FRY-KKS This abrasion-resistant self-wrapping sheath, crafted from monofilament and multifilament polyester threads, offers a lightweight and cost-effective solution for wire harness protection in heavy-duty equipment.

Most commonly utilized for safeguarding wire harnesses in farm machinery, trucks, buses, and virtually all varieties of earthmoving equipment, it provides exceptional protection.

Technical data

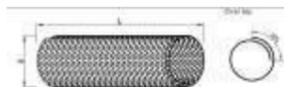
Material: Polyester monofilament and multifilament
 Operating range: -50°C ~ +150°C
 Melt point: 240±10°C
 Flammability: DIN5510, Bs6853, EN45545
 Certificate: RoHS, Halogen free
 Standard color: Black
 Cutting tool: Hot knife

Datasheet

Part No.	I.D. (d)	Max. bundle dia.	Packing (m)
KKS-005	5	6	250
KKS-008	8	9	200
KKS-010	10	11	150
KKS-013	13	14	50
KKS-016	16	17	25
KKS-019	19	20	25
KKS-025	25	27	25
KKS-029	29	31	25
KKS-032	32	34	25
KKS-038	38	40	25
KKS-050	50	52	25

Note:
1. Special packing, sizes, and colors can be supplied upon request.

Unit: mm



Wire Harness Spiral Sheath



Wire harness spiral sheath offers a cost-effective solution for managing cables and hydraulic hoses, making it a convenient choice for heavy equipment wire harnesses, cables, and wire bundles. Its ease of application ensures that all your wires and hydraulic hoses stay organized and visually appealing, while also providing protective benefits against potential damage.

A protective covering for electrical wires that provides insulation and enhances their aesthetic appearance.

Technical data

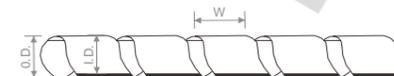
Material: PE
 Operating range: -40°C ~ +80°C
 Color: Black
 Certificate: RoHS

Datasheet

Part No.	I.D.	O.D.	Screw pitch (W)	Thickness (T)	Packing (m/bag)
SSS-0402	2.6±0.5	4.6±0.5	7.0±1.0	1.0±0.25	100
SSS-0604	4.0±0.5	6.0±0.5	7.0±1.0	1.0±0.25	100
SSS-0806	6.0±1.5	8.0±1.5	10.0±1.0	1.0±0.25	100
SSS-1008	8.0±1.5	10.0±1.5	12.0±1.0	1.0±0.25	100
SSS-1310	10.0±1.5	13.0±1.5	12.0±1.0	1.5±0.25	100
SSS-1512	12.0±1.5	15.0±1.5	15.0±1.0	1.5±0.25	100
SSS-1815	15.0±1.5	18.0±1.5	18.0±1.5	1.5±0.25	50
SSS-2017	17.0±1.5	20.0±1.5	20.0±1.5	1.5±0.25	50
SSS-2521	21.0±2.0	25.0±2.0	20.0±1.5	2.0±0.30	25
SSS-2925	25.0±2.0	29.0±2.0	22.0±1.5	2.0±0.30	25

Notes:
1. Standard colour is black.
2. Special packages and sizes can be supplied upon request.

Unit: mm



Corrugated Flexible Tube



This product is specifically engineered to withstand mechanical wear, making it ideal for safeguarding rubber hoses, plastic pipes, and wire harnesses in the automotive industry. It not only offers robust mechanical protection but also effectively shields against UV radiation, weathering, and chemicals. Its flexible design simplifies cable coverage around corners and elbows, and we also offer a split style for effortless installation and removal.

Characteristics: Featuring an ultra-flat wave-like profile, remarkable pressure resistance, and resilience against acids, solvents, and gasoline. This product is known for its lightweight construction, effortless installation, outstanding wear resistance.

Extensive applications in various industries, including railway, automotive, mechanical engineering, shipbuilding, and the electronic industry.

Technical data

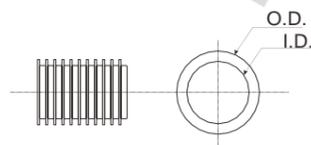
Material:PP
 Operating range: -40°C~+135°C
 Melt point: 240±10°C
 Flammability:DIN5510,BS6853
 Color:Black, other colors can be customized
 Certificate:RoHS
 Cutting tool:Hot knife

Datasheet

Size	I.D.	O.D.	Wall thickness	W	L	Packing (m/roll)
7.2	4.7±0.2	7.2±0.2	0.20±0.05	1.5±0.2	2.9±0.2	200
10.0	6.4±0.2	10.0±0.2	0.25±0.05	1.5±0.2	3.2±0.2	200
11.9	8.4±0.2	11.9±0.2	0.27±0.05	1.6±0.2	3.3±0.2	200
13.0	9.3±0.2	13.0±0.2	0.30±0.05	1.6±0.2	3.5±0.2	100
15.8	12.4±0.2	15.8±0.2	0.30±0.05	1.6±0.2	3.7±0.2	100
21.2	16.2±0.2	21.2±0.2	0.30±0.05	1.7±0.2	4.2±0.2	100
23.6	18.8±0.2	23.6±0.2	0.30±0.05	1.7±0.2	4.3±0.2	100
25.5	20.1±0.2	25.5±0.2	0.35±0.05	1.9±0.2	4.6±0.2	100
28.5	22.6±0.2	28.5±0.2	0.35±0.05	2.0±0.2	4.6±0.2	50
31.4	25.1±0.2	31.4±0.2	0.40±0.05	2.1±0.2	4.9±0.2	50
34.5	28.5±0.2	34.5±0.2	0.40±0.05	2.3±0.2	5.4±0.2	50
42.2	35.5±0.2	42.2±0.2	0.45±0.05	2.4±0.2	5.4±0.2	25

Note:
1. Special colors, customized size, special package, cut into different length can be supplied upon requests.

Unit: mm



Aluminum Shielded Tubing

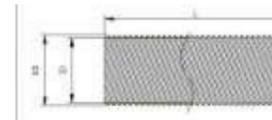


FRY-OKAF Aluminum shielded tubing consists of three layers: a fiberglass yarn braiding in the middle, enclosed by aluminum foil on both the inner and outer layers. This unique construction is specifically engineered to offer exceptional and long-term heat protection for rubber hoses, wire harnesses, and cables located in high-temperature environments, such as engine rooms.

Thermal reflectivity and safeguards against high temperatures, catering to a broad spectrum of sectors like automotive, railway, engines, and transformers.

Technical data

Material:Aluminum and fiberglass yarn
 Operating range: -50°C~+200°C
 Standard color:Natural color
 Certificate:RoHS
 Cutting tool:Scissor



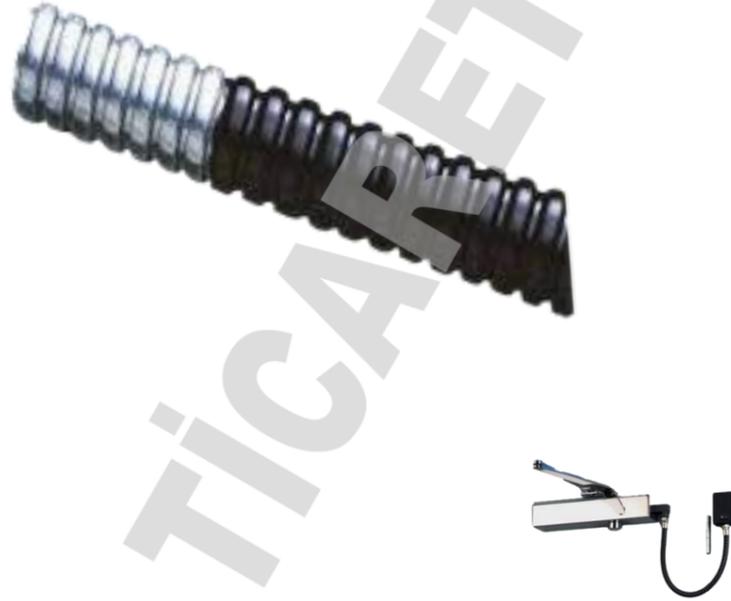
Datasheet

Part No.	I.D.(d)	O.D.(D)	Packing (L) (m/pcs)
OKAF-009	9±0.3mm	12.0±0.5mm	1
OKAF-012	12±0.3mm	15.0±0.5mm	1
OKAF-014	14±0.3mm	17.0±0.5mm	1
OKAF-016	16±0.3mm	19.0±0.5mm	1
OKAF-018	18±0.3mm	21.0±0.5mm	1
OKAF-020	20±0.5mm	23.0±0.5mm	1
OKAF-022	22±0.5mm	25.8±0.5mm	1
OKAF-025	25±0.5mm	28.7±0.5mm	1
OKAF-028	28±0.5mm	31.8±0.5mm	1
OKAF-032	32±0.5mm	35.9±0.5mm	1
OKAF-040	40±0.5mm	43.8±0.5mm	1
OKAF-060	60±0.5mm	63.8±0.5mm	1
OKAF-080	80±0.5mm	83.8±0.5mm	1

Note:
1.The special size and packing length are available upon request.

Unit: mm

Flexible Cable Tube



This flexible cable tube has waterproof properties and is corrosion resistant. It is also resistant to UV rays and has flame retardant properties. Thanks to its smooth internal structure, wire and cable can pass easily. Thanks to these features, this cable tray is an ideal option for static and dynamic applications that require high mechanical protection and high flexibility.

It has a wide range of uses to protect electrical cables in areas such as power plants, energy transmission systems, communication systems and transportation systems.

Technical data

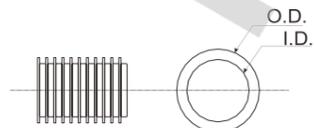
Material: Galvanized steel (in)+PVC (out)

Operating range: -10°C~+80°C

Standard color: Black, grey

Certificate: RoHS

Cutting tool: Pliers



Datasheet

No.	I.D.	O.D.	Bending	
			Radius (R±%10)	(m/rulo)
EK-4	4	7	30	200
EK-6	6	9	40	200
EK-8	8	11.8	45	100
EK-10	10	14.5	55	100
EK-12	12	16.5	60	100
EK-13	13	17.5	65	100
EK-15	15	20.2	80	100
EK-16	16	21.2	85	100
EK-19	19	24.5	95	50
EK-20	20	25.5	100	50
EK-25	25	31.7	115	50
EK-32	32	39.6	140	50

Note:
1. Available in special packages, sizes and colors upon request.

Unit: mm

Corrugated Flexible Tube



FRY-OEK Corrugated flexible tube is specifically engineered to offer robust resistance against mechanical abrasion, serving as a protective solution for rubber hoses, plastic pipes, and wiring harnesses within the automotive industry. This versatile tube not only provides mechanical safeguarding but also offers excellent protection against UV radiation, weathering, and exposure to various chemicals. Its flexibility enables convenient coverage of cables in corners and elbows, while our split-style design facilitates effortless installation and disassembly.

Automotive, equipment, railway etc. It is widely used to protect wire and cable bundles in industries. It can also be used to protect hydraulic rubber hoses.

Technical data

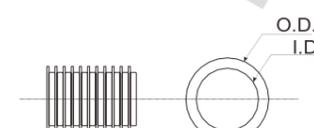
Material: PP / PE / PA

Operating range: -40°C~+130°C

Flammability: FMVSS 302 / UL94V-2 / UL1696

Certificate: RoHS

Cutting tool: Hot knife



Datasheet

Part No.	I.D.	O.D.	Packing (L) (m/roll)
OEK-0048	4.8±0.3mm	7.0±0.3mm	100
OEK-0055	5.5±0.3mm	8.5±0.3mm	100
OEK-0070	7.0±0.3mm	10.0±0.3mm	100
OEK-0085	8.5±0.3mm	11.5±0.3mm	100
OEK-0100	10.0±0.3mm	13.0±0.3mm	100
OEK-0120	12.0±0.4mm	15.8±0.4mm	100
OEK-0140	14.3±0.4mm	18.5±0.4mm	100
OEK-0170	17.0±0.4mm	21.2±0.4mm	100
OEK-0210	21.0±0.4mm	25.0±0.5mm	100
OEK-0230	23.0±0.5mm	28.5±0.5mm	50
OEK-0290	29.0±0.5mm	34.5±0.5mm	50
OEK-0360	36.0±0.5mm	42.5±0.5mm	25
OEK-0480	48.0±0.5mm	54.5±0.5mm	25

Unit: mm