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Let's be friends, Do better,
Stand higher, Growing business together!

FR PRODUCTS CATEGORY

We are a professional supplier specializing in fire-resistant fabric and accessories solutions. We provide one-stop procurement and shipping services for all supporting accessories, greatly simplifying your purchasing process and optimizing your shipment arrangement!

01
Zipper

02
Hook & loop

03
Thread

04
Webbing

05
Fabric

06
Reflective Tape

FR plastic zipper

Tape: 100% Aramid

NFPA 2112, Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire, 2023 Edition.

Testing report by SGS

II. Conditioning

Washing and drying procedure: none

Condition the material for at least 4 h in a standard atmosphere at 21 ± 3 °C and 65 ± 5 % relative humidity.

III. Test results

Test temperature 260°C Exposure time 5 min

Specimen No.	1	2	3
Ignition (yes/no)	No	No	No
Melting and dripping(yes/no)	No	No	No
Separation(yes/no)	No	No	No
Remain functional(yes/no)	Yes	Yes	Yes

Comments: [☒] Pass, [☐] Fail

Performance requirement:

The sample shall not melt and drip, separate, or ignite; and shall remain functional

*** This test was carried out by SGS-CSTC ANJI – FTS Laboratory

IV. Test results

As received

Specimen No.	Warp				
	1	2	3	4	5
After-flame time (s)	0	0	0	0	0
Char length (mm)	3	2	3	2	4
Melting or dripping (Yes / No)	No	No	No	No	No
The average of after-flame time (s)	0				
The average of char length (mm)	3				

Requirements:

- 1, Average char length of not more than 100 mm;
- 2, Average after-flame time of not more than 2 s;
- 3, Shall not melt and drip;
- 4, Failure in either direction shall constitute failure of the material.

Comments: [☒] Pass, [☐] Fail

01.1 FR Plastic Zipper

Plastic zippers are the most commonly used type of FR zippers. The most frequently used models are the 3# , 5# , 8# and 10#.

Specifications:

Size: 3#/5#/8#/10#

Length: Customized length

Color: Customized Color

Tape Material: 100% Aramid

Zipper types:

Closed-end zipper

Open-end zipper

Two-way open-end zipper

X type zipper

R type zipper

O type zipper

Applications:

Firefighting & Rescue Industry

Industrial Protective Garments

3Military & Tactical Equipment

Transportation & Aerospace

Special Civil & Emergency Products

High-risk Laboratory



01.2 FR Metal Zipper

The metal fr zipper is the most durable type among flame-retardant zippers. The most commonly used model are the 3# , 5#, 8#, 10# .

Specifications:

Size: 3#/5#/8#/10#

Length: Customized length

Color: Customized color

Tape Material: Flame-retardant Aramid

Zipper types:

Closed-end zipper

Open-end zipper

Two-way open-end zipper

X type zipper

R type zipper

O type zipper

Applications:

Firefighting & Rescue Industry

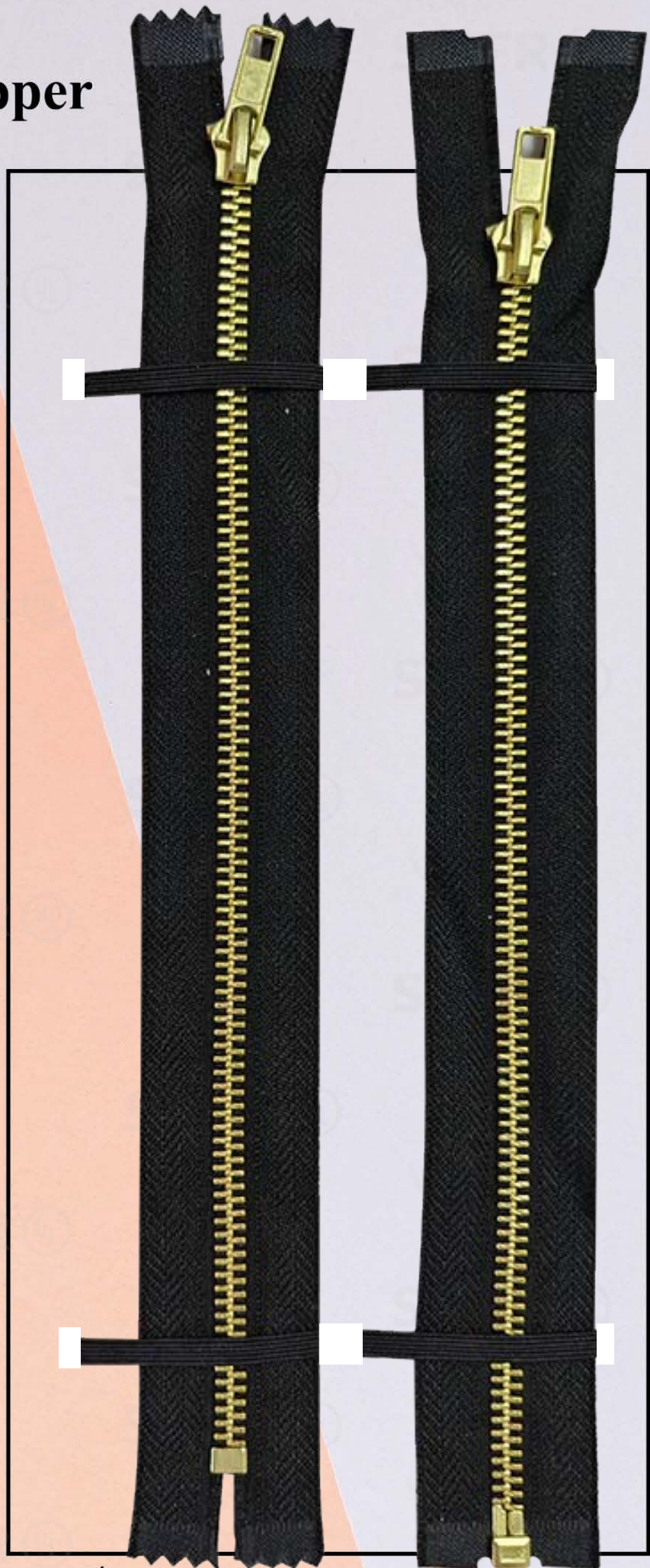
Industrial Protective Garments

3Military & Tactical Equipment

Transportation & Aerospace

Special Civil & Emergency Products

High-risk Laboratory



01.3 FR Nylon Zipper

FR nylon zipper is made by TC tape or chemically treated flame retardant which can self-extinguish after leaving fire.

Specifications:

Size: 3#/5#/8#/10#

Length: Standard & customized lengths

Color: Black, white, Grey, customized colors

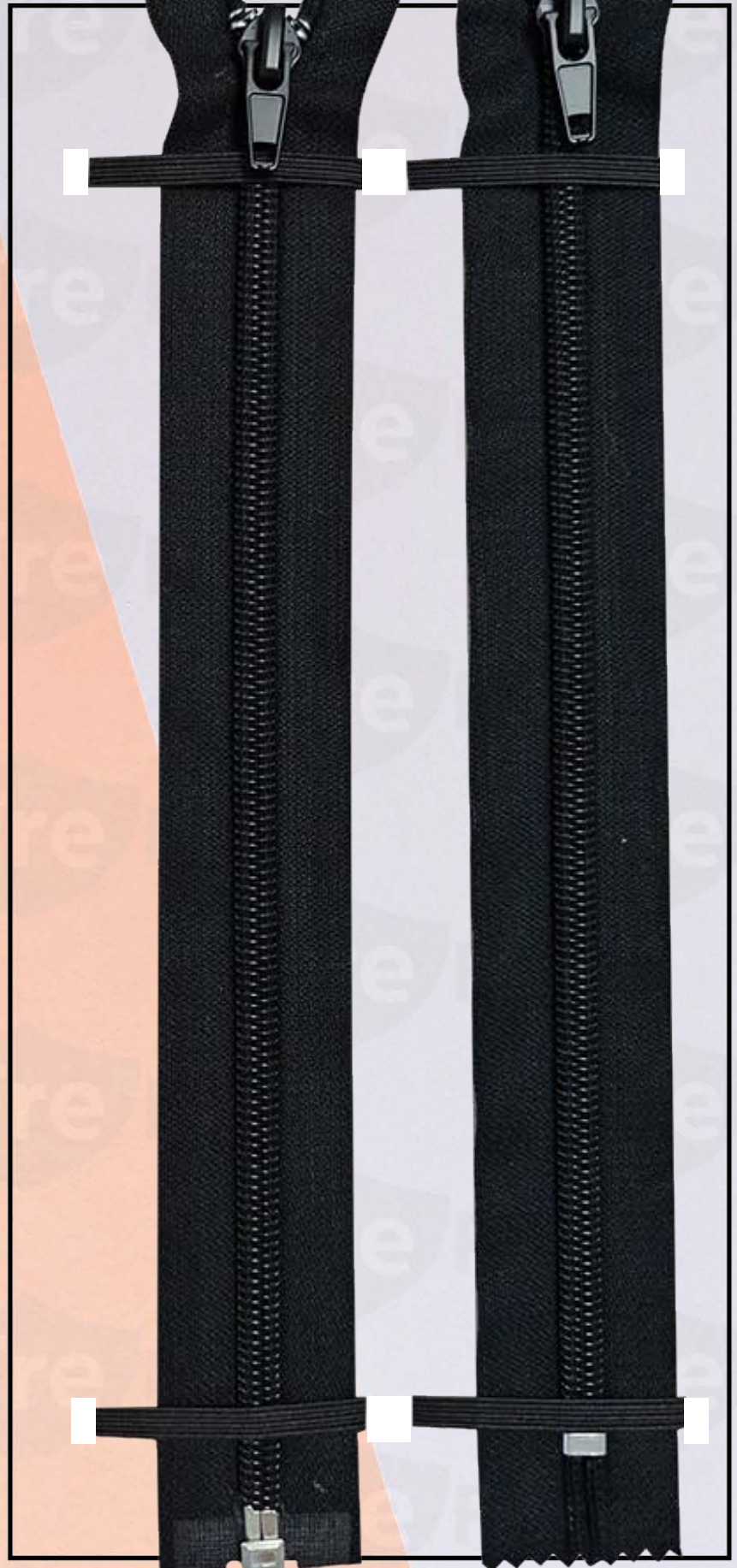
Tape Material: TC tape or polyester tape

Features:

- Self-extinguishing
- Soft texture and comfortable to use
- Light weight, smooth zipping
- Cost-effective with complete styles

Applications:

Flame retardant workwear
Protective clothing
Vehicle interiors & textiles
Fireproof bags



01.4 FR-Waterproof Zipper

The FR-Waterproof zipper is a special zipper with a sealed water-blocking structure that can prevent water from seeping in. And the zipper tape is 100% FR Aramid.

Specifications:

Size: 3#/5#/8#/10#

Length: Customized length

Color: Black, customized color

Tape Material: 100% Aramid + PU coated

Features:

Sealing and waterproofing

FR zipper with 100% Aramid tape

Applications:

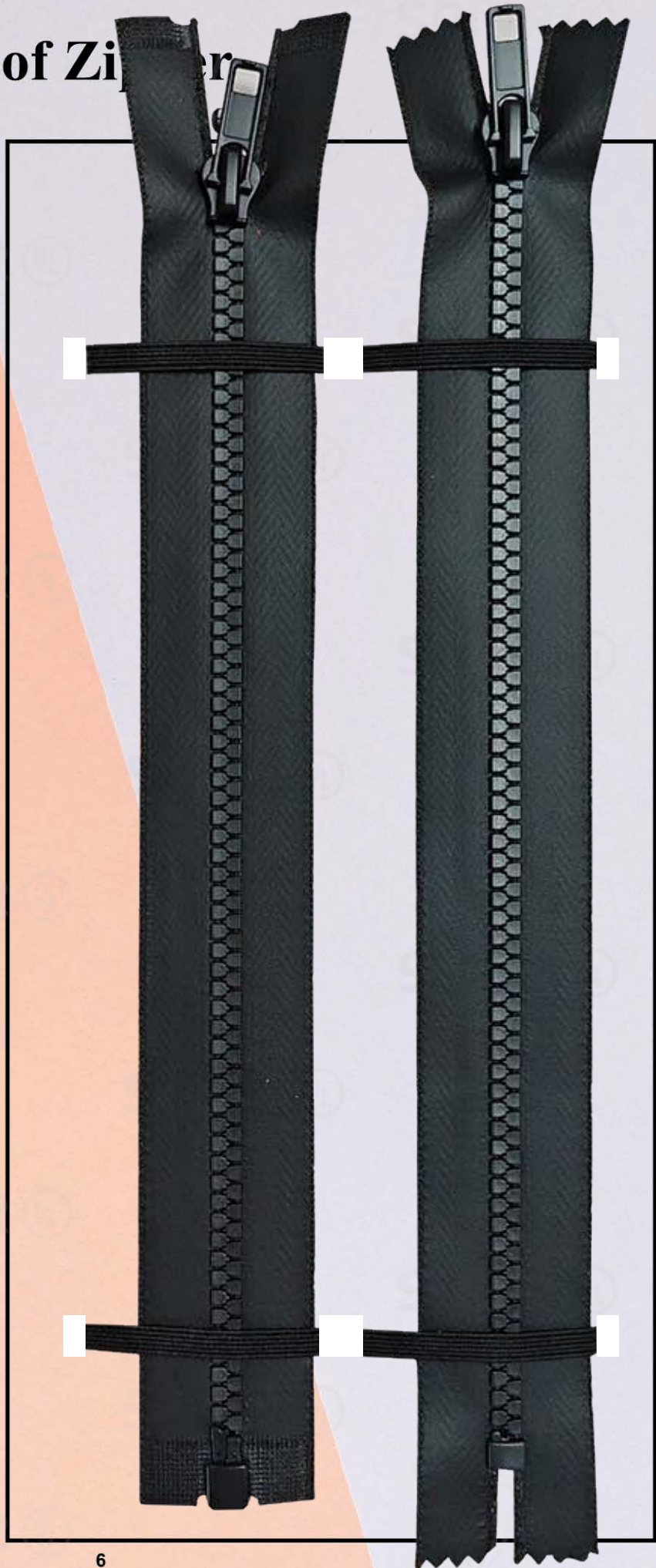
Industrial Workwear

Safety Protective Gear

Flame-Retardant Bedding

Civilian & Outdoor Use

High-risk Laboratory



02.1 Hook & loops

Flame retardant hook & loop is a fastener treated with flame retardant technology. It can stop burning quickly without molten drips, combining reliable adhesion and fire resistance.

FR Nylon Hook & loop:

Width: 10-300mm

Color: Customized.

Features:

- Nylon base with integrated flame-retardant additives
- Strong hook-loop adhesion
- Durable & wear-resistant; Environmental resilience.

Applications:

- Fastening for tactical gear, uniforms & backpacks
- Firefighting gear & high-temp workwear accessories
- Outdoor tents & camouflage net connection
- Fastening for high-temp auto interior parts

FR Aramid Hook & Loop:

Width: 10-180mm

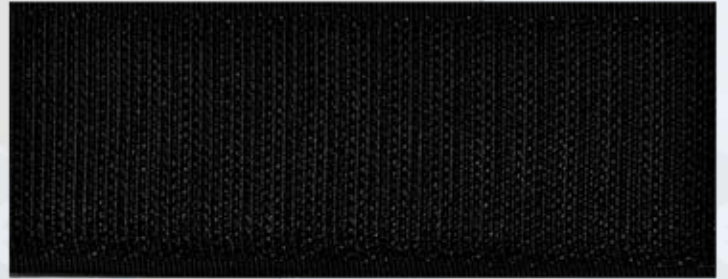
Color: Customized.

Features:

- Inherently flame retardant
- Strong adhesion
- Corrosion-resistant hook, durable for repeated use

Applications:

Ideal for high-temperature & heavy-load fastening



02.2 Hook & loops

Flame retardant hook & loop is a fastener treated with flame retardant technology. It can stop burning quickly without molten drips, combining reliable adhesion and fire resistance.

Different Nylon Hook & Loop:

Width: Customized.

Color: Customized.

Features:

- Flexible & wear-resistant
- stable adhesion
- colorfast and cost-effective

Applications:

Apparel, bags, outdoor goods, general protective accessories



03 Threads

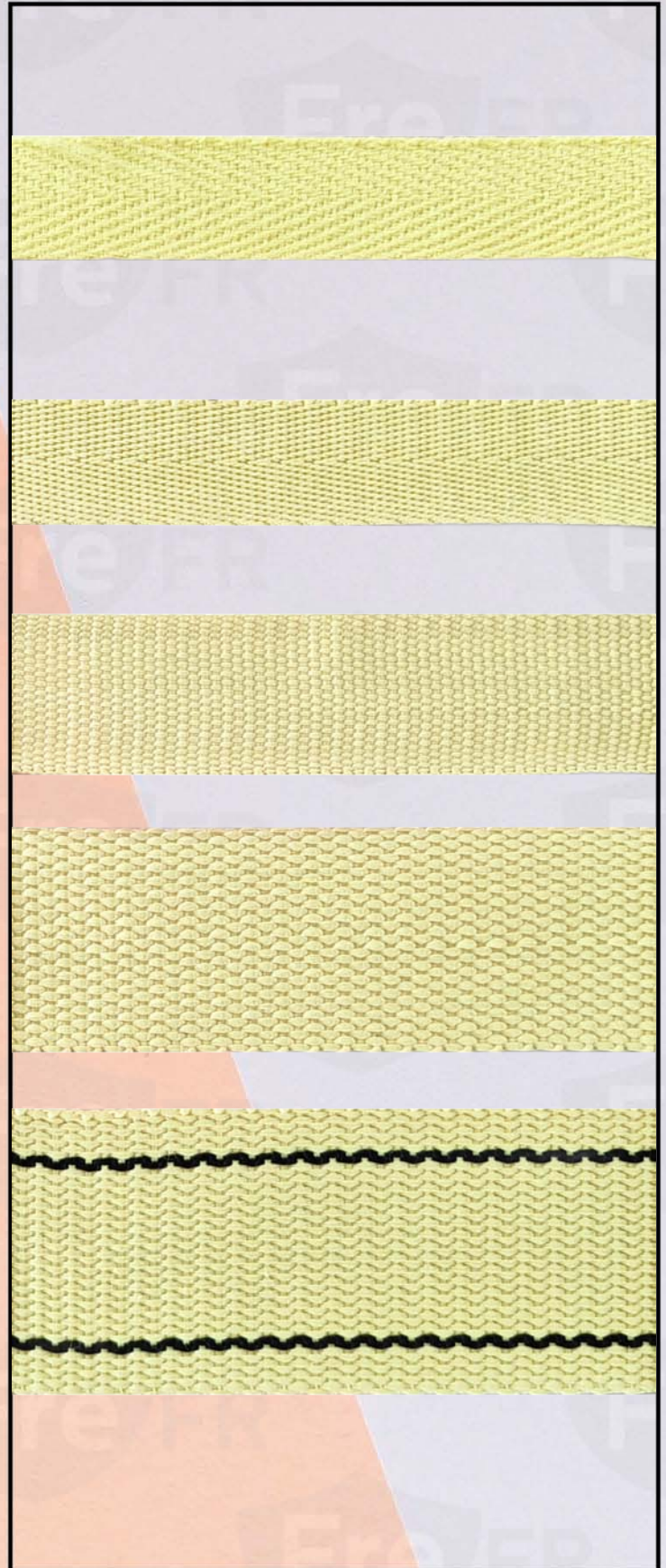
Materials	Features	Spun Yarn
Meta-Aramid	Inherent flame retardant	20S/2、30S/2、 40S/2、50S/2 20S/3、30S/3
Para-Aramid	Cut-proof, non-dripping	200D / 300D / 400D • 500D / 800D / 1000D • 1500D / 2000D

04.1 Webbing

Flame Retardant Webbing

Aramid Materials:

1. It has good stability in high temperature condition. It can be long-term used under 250°C.
2. It does not burn nor support combustion when exposed to fire.
3. Good tolerance to most chemicals. It can not be easily corroded by acid and alkali.
4. It has excellent wear-resisting property.
5. It is an excellent electrical insulator.
6. The size changes less under different conditions.
7. Sizes and weaves can be customized.
8. It complies with GB8410 standard.

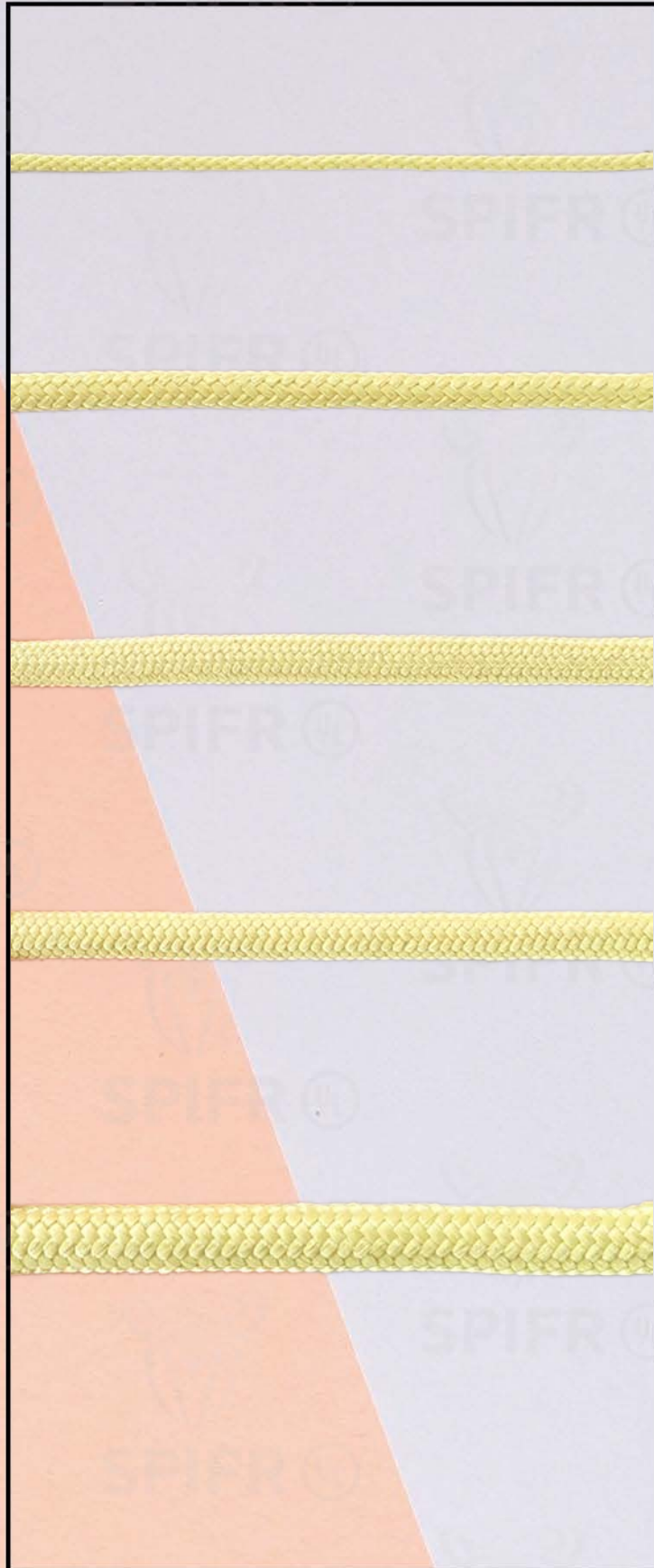


04.2 Webbing

Flame Retardant Rope

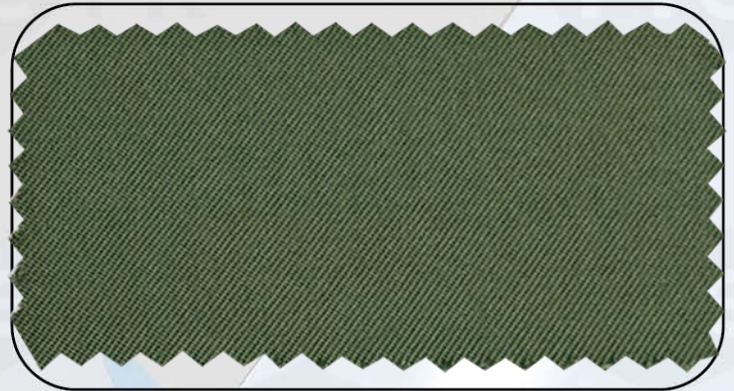
Aramid Materials:

1. It has good stability in high temperature condition. It can be long-term used under 250°C.
2. It does not burn nor support combustion when exposed to fire.
3. Good tolerance to most chemicals. It can not be easily corroded by acid and alkali.
4. It has excellent wear-resisting property.
5. It is an excellent electrical insulator.
6. The size changes less under different conditions
7. Sizes and weaves can be customized.
8. It complies with GB8410 standard.



05.1 FR fabric

Code	HTY-TS-Petro-A-4.5
Color	Army green (Customizable)
Weight	200gsm
Composition	Meta-Aramid/Para-Aramid/Anti-static 93/5/2
Features	Permanent flame retardant ; Permanent anti-static; High strength
Applications	Workwear; Protective clothing; Special apparel for aviation & military



Code	HTY-TS-FRV-4.5
Color	Navy Blue (Customizable)
Weight	150gsm
Composition	FR Viscose/Aramid/Anti-static 49/49/2
Features	Permanent flame retardant and anti-static, soft, breathable and durable.
Applications	workwear in petroleum, chemical, power, welding and mining



Code	HTY-TS-FRVN-4.5
Color	Navy Blue (Customizable)
Weight	160gsm
Composition	Meta-Aramid/FR Viscose/Elastane/Anti-static 58/37/3/2
Features	Flame retardant, anti-static, stretchable, soft and comfortable.
Applications	Suitable for comfortable protective workwear in industrial fields.



Code	HTY -TS-FRV-5.8
Color	Beige Grey (Customizable)
Weight	180gsm
Composition	FR Viscose/Aramid/Anti-static 49/49/2
Features	Flame retardant, anti-static, soft, breathable and wear-resistant.
Applications	For petroleum, chemical, power, welding and mining workwear.



05.2 FR fabric

Code	HTY-TS-Petro-V-3.5
Color	Orange Red (Customizable)
Weight	130gsm
Composition	Modacrylic/FR Viscose/Aramid/Anti-Static
Features	Flame retardant, anti-static, soft, lightweight and durable.
Applications	For industrial protective workwear.



Code	HTY-TS-Petro-VN-4.5
Color	Dark Grey (Customizable)
Weight	160gsm
Composition	Modacrylic/FR Viscose/Aramid/Elastane/Anti-Static
Features	Flame retardant, anti-static, stretchable, soft & comfy.
Applications	Industrial stretch protective workwear.



Code	HTY-ProArc-Mplus-240
Color	Navy Blue (Customizable)
Weight	240gsm
Composition	Modacrylic/Aramid/Nylon/Anti-static
Features	Flame retardant, anti-static, tough and wear-resistant.
Applications	Industrial protective workwear.



Code	HTY-TS-ProArc-T-7.0
Color	Orange Red (Customizable)
Weight	235gsm
Composition	Modacrylic/Lyocell/Para-Aramid/Anti-static
Features	Flame retardant, anti-static, soft, breathable & durable.
Applications	Industrial protective workwear.



05.3 Fabric

Code	HTJ #25172
Color	Black(Customizable)
Weight	230gsm
Composition	Polyester/Cotton/XLANCE/65/32/3
Features	XLANCE stretch, 50 times industrial washable, Resistant to chlorine bleaching
Applications	Workwear, uniforms, medical clothes



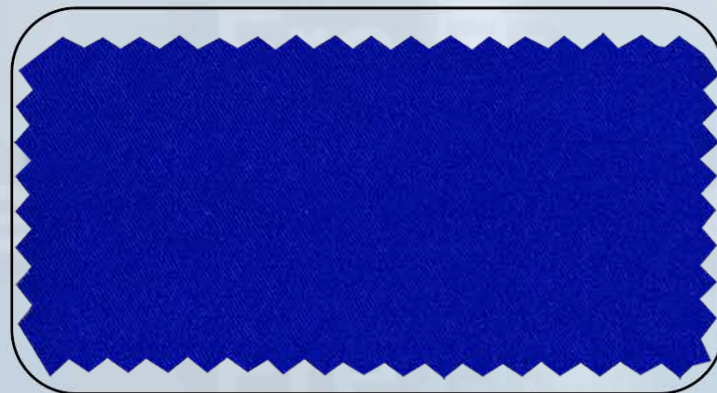
Code	HTJ# 25365
Color	Smoky Gray (Customizable)
Weight	160gsm
Composition	Cotton/Polyester/Spandex/Anti-static/56/40/2/2
Features	Spandex stretch, Anti-static
Applications	Electronic factory workwear, petrochemical uniforms, industrial overalls, daily work clothes



Code	HTJ# 26021
Color	Dark green (Customizable)
Weight	205gsm
Composition	Nylon/Cotton/Spandex/50/47/3
Features	Spandex stretch. quick-drying
Applications	Uniforms, Workwear, outdoor apparel

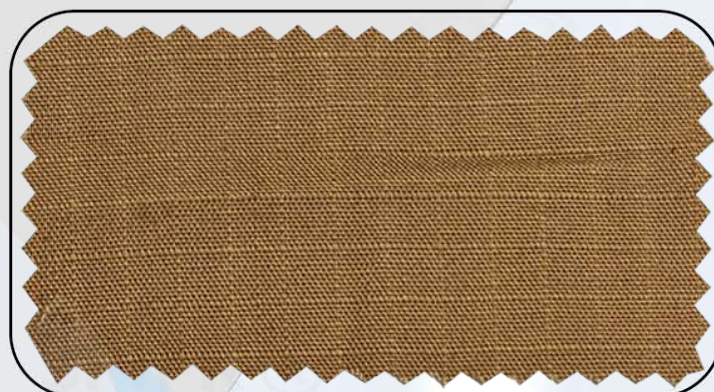


Code	HTJ# 26011
Color	Royal Blue (Customizable)
Weight	180gsm
Composition	Cotton/Polyester/Bamboo/Anti-static/Spandex/46/35/15/2/2
Features	Spandex stretch, Moisture wicking, Anti-static
Applications	Medical clothes, factory workwear, daily uniforms



05.4 Fabric

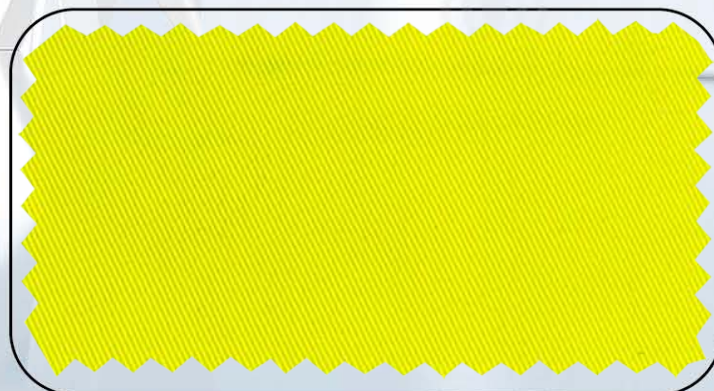
Code	HTJ# 25158
Color	Light Brown (Customizable)
Weight	190gsm
Composition	Nylon/Cotton/57/43
Features	Fluorine-free WR High temperature washable
Applications	Workwear, outdoor clothing, uniforms



Code	HTJ# 25032
Color	Army Green (Customizable)
Weight	260gsm
Composition	Nylon/Cotton/Spandex/50/47/3
Features	Spandex stretch IRR(Infrared Reflective) WR / OR / SR(Water Repellent/ Oil Repellent/Stain Release)
Applications	High-end workwear, security uniforms, outdoor work clothes, special uniforms



Code	HTJ# 26109
Color	Fluorescent yellow (Customizable)
Weight	240gsm
Composition	Polyester/Cotton/80/20
Features	Wrinkle-resistant, durable, easy to care
Applications	Workwear, uniforms

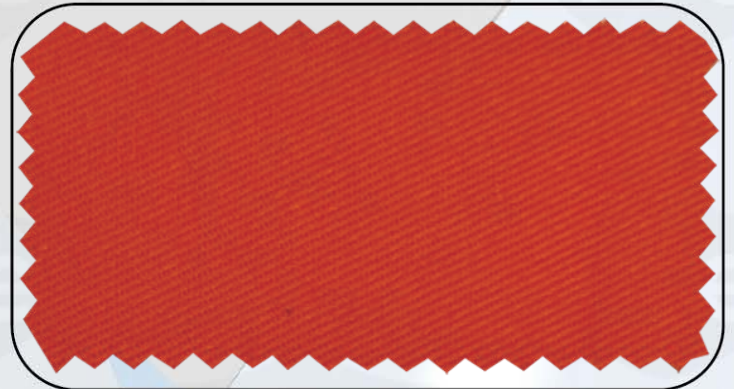


Code	HTJ# 25164
Color	Dark Blue (Customizable)
Weight	215gsm
Composition	Cotton/100
Features	Easy care
Applications	Workwear, uniforms, medical garments, casual wear



05.5 Fabric

Code	HTX# 26102
Color	Orange Red (Customizable)
Weight	300gsm
Composition	Cotton/100
Features	Soft & breathable, pure cotton base, no molten dripping while burning
Applications	Welding workwear, metallurgy & mining safety garments



Code	HTX# 26103
Color	Camouflage(Customizable)
Weight	300gsm
Composition	Cotton/100
Features	Cost-effective, cheaper than Aramid inherent FR fabric
Applications	Chemical plant daily uniform, auto repair overalls



Code	HTX# 26104
Color	Orange Yellow(Customizable)
Weight	330gsm
Composition	Cotton/100
Features	Soft & breathable, pure cotton base, no molten dripping while burning
Applications	FR curtain, tent, cargo cover cloth



Code	HTX# 26105
Color	Navy Blue (Customizable)
Weight	250gsm
Composition	CVC90/10
Features	Breathable, wrinkle-proof, low drip, ≥20 washes FR retained, multi-colors available.
Applications	Welding & industrial FR workwear, tent, apron.

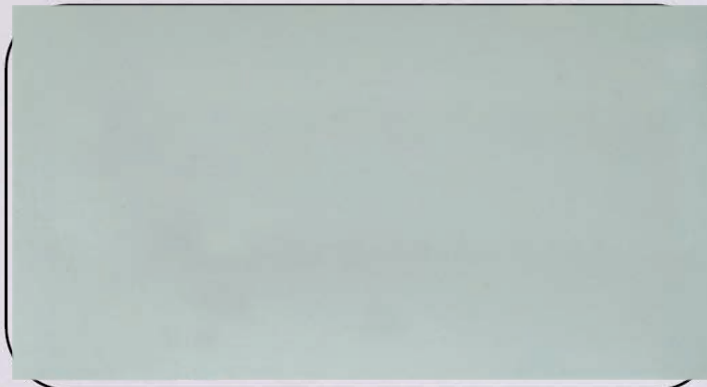


06.1 Reflective Tapes

This series of products is based on flame-retardant materials and can be sewn or heated transferred onto different fabrics. They are widely applicable to various security products, such as fire protection, electricity and colliery.

Code	HTM-6578
Color	Silver
Backing	TPU
Index	Reflectivity: $\geq 500\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	ENISO20471, ANSI107-2020, OEKO-TEX100

Backing can be replaced by TC and PET, and the color can be customized.



Silver FR Reflective Heat Transfer Vinyl

Code	HTM-5761
Color	Fluorescent yellow
Backing	PES
Index	Reflectivity: $\geq 420\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	ENISO20471, ANSI107-2020, OEKO-TEX100



Fluorescent Yellow FR Reflective Heat Transfer Vinyl

Code	HTM-5762
Color	Fluorescent orange
Backing	PES
Index	Reflectivity: $\geq 420\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	ENISO20471, ANSI107-2020, OEKO-TEX100



Fluorescent Orange FR Reflective Heat Transfer Vinyl

Code	HTM-5762
Color	Fluorescent orange Twill
Backing	PES
Index	Reflectivity: $\geq 420\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	ENISO20471, ANSI107-2020, OEKO-TEX100



Fluorescent Orange Twill FR Reflective Heat Transfer Vinyl

06.2 Reflective Tapes

This series of products is based on flame-retardant materials and can be sewn or heated transferred onto different fabrics. They are widely applicable to various security products, such as fire protection, electricity and colliery.

Code	HTM-5845
Color	Silver
Backing	100% Aramid
Index	Reflectivity: $\geq 500\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	EN469, EN14116, EN11612, ENISO20471, ANSI107-2020, OEKO- TEX100

Backing can be replaced by TC and PET, and the color can be customized.



Aramid FR Reflective Tape

Code	HTM-5855
Color	Silver
Backing	100% Cotton
Index	Reflectivity: $\geq 500\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50/25 home wash cycles at 60°C; Dry clean 25/5 cycles
Standard	EN469, EN14116, EN11612, ENISO20471, ANSI107-2020, OEKO- TEX100



Cotton FR Reflective Tape

Code	HTM-5751/2
Color	Fluorescent yellow/ orange Aramid FR reflective tape
Backing	100% Aramid
Index	Reflectivity: $\geq 420\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	EN469, EN14116, EN11612, ENISO20471, ANSI107-2020, OEKO-TEX100



Fluorescent Yellow/Orange Aramid FR Reflective Tape

Code	HTM-5743/4
Color	Fluorescent yellow/ orange Aramid FR reflective tape
Backing	100% Cotton
Index	Reflectivity: $\geq 420\text{cd}/(\text{lx} \cdot \text{m}^2)$
	Washing: 50 home wash cycles at 60°C; Dry clean 25 cycles
Standard	EN469, EN14116, EN11612, ENISO20471, ANSI107-2020, OEKO-TEX100



Fluorescent Yellow/Orange Cotton FR Reflective Tape

Faster delivery date
More competitive price



Maya

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