

Always
Right Quality

1
Allpum
Allpum



Cable Tie



Wire Connector



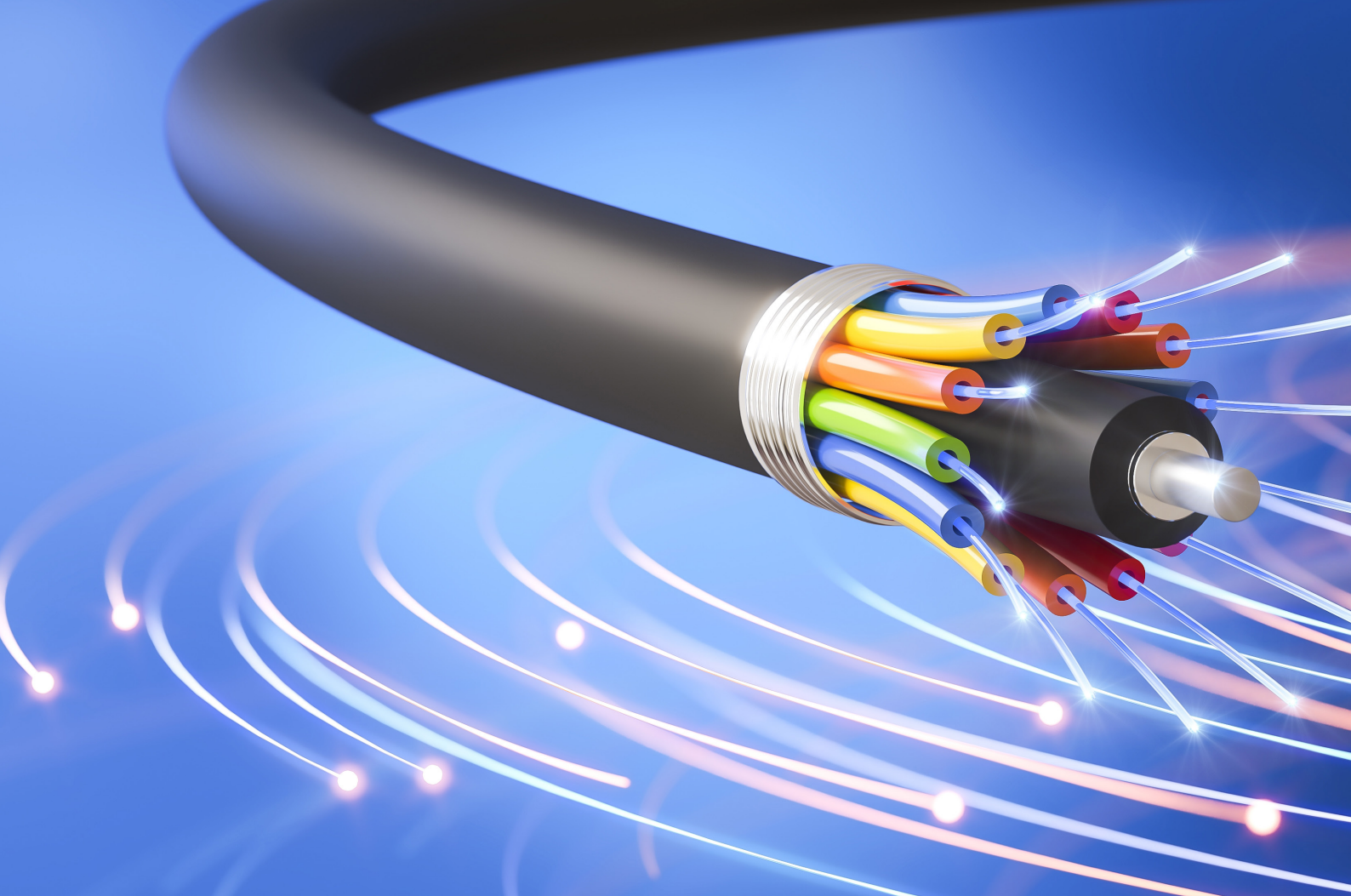
Push-in Wire Connectors



Cable Clamp



UV-resistant cable ties(UV-Weatherability)
Passed the U.S. UL UV resistance test



Allpum Cable Tie makes only products that can be trusted and bought

- Made with genuine raw materials
- Soft and strong across winter
- It is resistant to UV rays
- No harmful substances

*Always
Right Quality*



OUR BRAND | Allpum

Suryong Industry, a company focusing on 10 years ahead

The 'Allpum' brand launched with the philosophy of
cherishing customer value and pursuing the right quality



- Allpum Cable Tie (Large packaging, Small packaging)
- Allpum Wire Connector
- Allpum Cable Clamp
- Allpum Marker Tie
- Wire Connector
- Tie Mount, Quick Splice Connectors, Insulated Ferrules, etc.



OUR HISTORY | Company Introduction

We've been pursuing the safety of customers, the right quality of Allpum brand, and will continue to uphold this philosophy to the end

Based on 17 years of practical experience working in the same industry, Suryong Industry has secured the optimal mold development and manufacturing technology.

We've newly launched Allpum brand, a new Korean style cable tie through accumulated manufacturing technology to suit for the seasonal characteristics of Korea and strict quality control.

Certification Status- By acquiring the stringent U.S. Safety Certification Standard (UL), we have firmly established customer reliability in our products.

In the future, we are willing to whatever we can to reward our customers with the best quality product through innovative technology and to gain reliability from customers through new challenges and efforts.

In addition, we promise to faithfully respond to our customers' needs through intensive investment focusing on product development.

All employees of Suryong Industry will surely continue to work together as one to stick to the philosophy of the Allpum brand in pursuit of customer safety and right quality to the end.

I'd like you to love the Allpum brand as ever and support your unsparing guidance and support continuously.

CEO of Suryong Industry

History

Comapny Profile

Based on 17 years of practical experience working in the same industry, Suryong Industry has secured the optimal mold development and manufacturing technology.

Comapny Profile

- 2014.01 Founded Suryong Industry
- 2019.11 Established a factory specializing in manufacturing cable ties
- 2020.12 Registered "Allpum" trademark, established 150 distribution sales network
- 2021.02 Registered Cable Tie design and acquired utility model
- 2021.03 Selected as an Excellent Technology Company (Korean Company Data)
- 2021-2022 Selected as a support for exporting domestic companies
- 2022.05 Registered an utility model of cable tie for fisheries
- 2022.07 Acquired ISO9001 certification
- 2023.03 Acquired UL certification (American Safety Certification Standard)
- 2023.05 Suryong Industry Converted to a Corporation

Major Status

Headquarter and Logistics Warehouse

14, Jusan 6-gil, Samgye-myeon, Jangseong-gun, Jeollanam-do, Republic of Korea

Factory Located in Jangseong-gun, Jeonnam

Gyeonggi Office 314-217, #37-9 Pungjeon-ro, Danwon-gu, Ansan-si, Gyeonggi-do

Website address www.koreacabletie.com



Certificate

Major Certificates

This is the content that has been certified for the technology and know-how of Suryong Industry.



ISO9001 Certificate



US UL Safety Certificate



Utility Model Registration



Design Registration



Trademark Registration Certificate



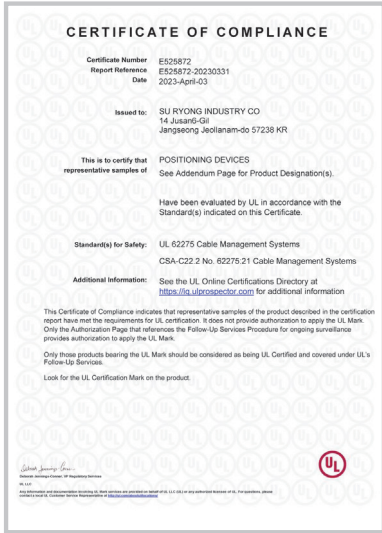
Excellent Technology Capability Company

Technology Review

Technology Assessment

Allpum cable ties obtained the UL certification in the U.S., and through the product's weather resistance quality verification, its quality ability was verified to be superior to other competitors.

Weatherability Test



US UL Safety Certificate

Project No. _____ 32
 Tested by: _____
 RESISTANCE TO LOOP TENSILE (MAINTAIN LOAD) _____
 CLAUSE 11.1

Sample No.			85
Cat. No.:			356
Test Method:	Resistance to Ultraviolet Light		
Material:	() 9.5 (X) 20 () 38 () _____		
Condition:	Resistance to Ultraviolet Light	2 nd mark location:	(X) 5.6 mm (450 N or less) () 7.9 mm (more than 450 N)
	Observe at 1 min.	Observe at 6 mins.	
Specimen No.	Slip beyond First mark?	Maintain load?	Test conditions 1000Hr (a two-month test) Fill out when non-complaint results are obtained: Mode Load Time, sec
1	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
2	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
3	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
4	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
5	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
6	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
7	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
8	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
9	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
10	[Yes] [No]	[Yes] [No]	[Yes] [No] [N/A] [Yes] [No] [N/A]
Comply with Requirements?			[Yes] [No]

Comments: _____
 [] For Information Purposes Only - Due to non-compliant results, specimen no. ___ had a measured moisture content of ___%.

Test Condition	Temp. °C:	RH%:	Date:	Time:	Technician:
Resistance to Ultraviolet Light	23	52	2023-02-16	8:05 AM	V.C.

ULS-62275-Z0DZ-DataSheet-2001 Form Issued: 2021-06-30
 Form Page 32 Form Revised: 2022-08-01
 Copyright © 2022 UL LLC

Only those products bearing the UL Mark should be considered as being covered by UL.

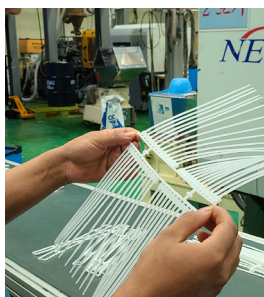
Quality Assurance

Quality Assurance System

Suryong Industry verifies and manages quality inspections on products produced in the manufacturing process every day, and conducts reliability tests to verify suitability for the use environment.

Daily Verification Testing

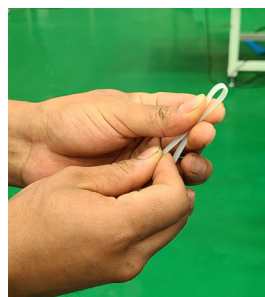
To ensure complete quality assurance, quality inspections are conducted daily during the manufacturing process.



Visual inspection



Insertion inspection



Bending inspection



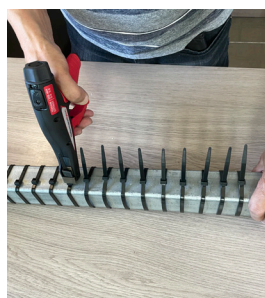
Tensile strength inspection

Reliability Verification Test

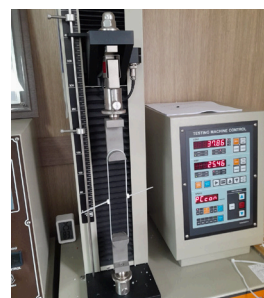
Quality assurance is realized through regular reliability verification suitable for the user's environment.



Low-temperature and room-temperature inspection



Fastening inspection



Fastening inspection

Application

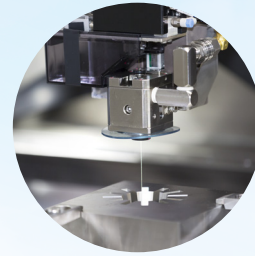
Allpum cable ties have properly been made.

Product introduction



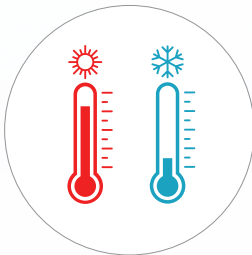
Only genuine raw materials were used

- Raw Material: Nylon 66-Polyamide
- Flammability: UL94-V2 level (flammability level (V2))
- Manufacturing country of raw material



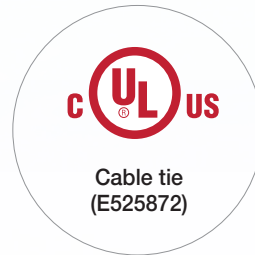
Securing mold and manufacturing technology know-how

Securing mold technology know-how with more than 30 years of experience, technology know-how with 20 years of experience in precision injection



Manufacturing technology accumulated to suit for the characteristics of the four seasons

Birth of Allpum, a Korean cable tie brand through durability and quality control tailored to the seasonal characteristics of Korea



Product performance has been properly recognized

Obtained US Safety Certification standards
UV resistance test: Approved,
improved performance for four seasons in Korea



We conduct quality performance tests every day

Performing regular performance tests every day
Product appearance and bending test, freezing test,
product insertion force test, tensile strength test



Made in Korea

Directly manufactured and supplied in Korea with pure Korean technology

Cable Tie

Allpum Cable Tie

UV-resistant cable ties

Passed the U.S. UL UV resistance test



- Material : PA 66[Polyamide-UL 94 V2]
- Color : All color
- Strong resistance to ultraviolet (UV)
 - U.S. UL Standard Approval : Black Only
 - Resistant to UV light
 - Excluding 100mm Black
- Maximum Operating Temperature : -40°C~85°C

Large Packaging



✓ RoHS

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile Strength(N)	Packaging Quantity(Bag)
AP 100	100	2.5	1.0	80	1,000
AP 140	140	3.6	1.1	134	1,000
AP 200	200	4.8	1.3	220	1,000
AP 270	270	6.0	1.4	356	500
AP 300	300	4.8	1.3	220	500
AP 370	370	7.6	1.6	512	300
AP 450	450	9.0	1.7	715	100
AP 540	540	9.0	1.8	715	100
AP 780	780	9.0	1.8	715	100

Small Packaging



✓ RoHS

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile Strength(N)	Packaging Quantity(Bag)
AP 100	100	2.5	1.0	80	100
AP 140	140	3.6	1.1	134	50
AP 200	200	4.8	1.3	220	50
AP 270	270	6.0	1.4	356	50
AP 300	300	4.8	1.3	220	50
AP 370	370	7.6	1.6	512	50

Special Ties

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile Strength(N)	Packaging Quantity(Bag)
Special Ties 380	385	4.8	1.35	220	1,000
Special Ties 220	220	5.0	1.35	254	1,000

1. Never use this product on the human body. (In particular, infants and children and the elderly are prohibited from contact)
2. Since the tensile strength of this product is guaranteed only in normal environments, use the binding tool specified by our company in accordance with our standard. (PANDUIT-MS90387-2)
3. As this product contains appropriate moisture, do not keep opening in advance and seal the remaining amount for further use.
4. In case the amount of moisture changes significantly before and after fastening, be careful as it may loosen or be cut off.
5. Never use this product in a dangerous place without a safety device or in an unstable position.

Cable Tie

Flame retardant Cable Tie

Resistant to fire (UL 94V0)

Excellent flame retardancy



- Material : PA 66[Polyamide-UL 94 V0]
- Color : Ivory
- Application : Environment requiring flame retardancy
- Maximum Operating Temperature : -40°C~85°C

Large Packaging

✓ RoHS

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile Strength(N)	Packaging Quantity(Bag)
AP 100	100	2.5	1.0	80	1,000
AP 140	140	3.6	1.1	134	1,000
AP 200	200	4.8	1.3	220	1,000
AP 270	270	6.0	1.4	356	500
AP 300	300	4.8	1.3	220	500

Cable Tie

Heat-resistant Cable Tie

Heat resistant

Excellent heat resistance to high temperatures



- Material : PA 66[Polyamide-UL 94 V2]
- Color : White
- Excellent heat resistance at high temperature
- Maximum Operating Temperature : 115°C

Large Packaging

✓ RoHS

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile Strength(N)	Packaging Quantity(Bag)
AP 100	100	2.5	1.0	80	1,000
AP 140	140	3.6	1.1	134	1,000
AP 200	200	4.8	1.3	220	1,000
AP 270	270	6.0	1.4	356	500
AP 300	300	4.8	1.3	220	500

Wire Connector

Wire Connector [PVC]



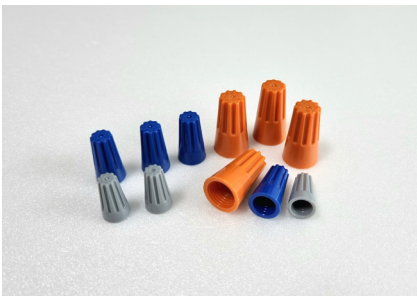
- Material : Body - Non-toxic PVC (V-0 Flame retardant)
Screw - Steel Wire
- Packing specification
100 plastic wraps / Packing 4000 pieces per box
- Fastening socket tool :
wire connector assembly tool

Standard	APWC-20	APWC-35	APWC-55	APWC-80	
Color	Yellow	Red	Blue	Gray	
Applicable wire (mm ²)	0.75 ~ 10mm ²				
Withstand voltage (V)	Operating voltage : 600V , Test voltage : 3400V				
Insulation resistance (MΩ)	Over 1000				
Connection strength (kgf)	Minimum 65N	Minimum 100N	Minimum 150N	Minimum 180N	
Size (mm)	Connection Diameter	7.8	8.0	8.4	8.6
	Inner diameter	12.0	12.5	13.0	13.5
	Height	27.5	27.5	28.2	28.2

* Wire connector Assembly tools sold separately

Wire Connector

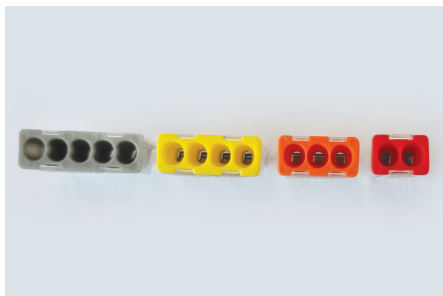
Wire Connector [PE]



- Material : Body - Tough thermoplastic
Screw - Steel Wire
- Color : Gray, Blue, Red
Yellow (orange-tinged yellow), Yellow
- Operating voltage : 600V MAX
- CE certification

Product No.	Connection diameter (mm)	Inner diameter (mm)	Outer diameter (mm)	Color	Wire range (mm ²)	Packing specification
						Bag
APPE-P1	3.8	6.7	8.6	Gray	22-14	1,000
APPE-P2	4.1	7.0	9.8	Blue	22-14	1,000
APPE-P3	5.0	9.9	12.2	Orange	22-14	500
APPE-P4	6.0	11.2	14.0	Yellow	22-10	500
APPE-P6	7.5	13.0	16.4	Red	22-10	500

Mini Push-in Wire Connectors



- Material(Housing) : Polycarbonate[PC]
- Color : White
- CE Certification
- Max operating temperature : 105°C

Product No.	Color	Number of holes	Wire range (mm ²)	Packing specification	
				Bag	Box
APPMC-2P	Red	2	24A/450V/2.5/Sol	500	5,000
APPMC-3P	Orange	3	24A/450V/2.5/Sol	500	5,000
APPMC-4P	Yellow	4	24A/450V/2.5/Sol	500	5,000
APPMC-5P	Gray	5	24A/450V/2.5/Sol	500	5,000
APPMC-6P	Purple	8	24A/450V/2.5/Sol	300	3,000

Push-in Wire Connectors

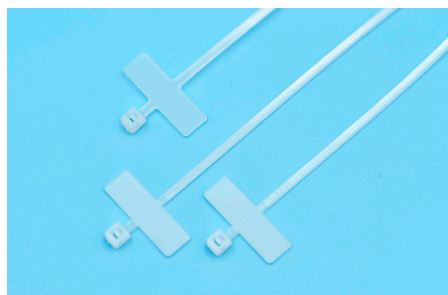


- Material(Housing) : Polycarbonate[PC]
- Color : White
- CE certification
- Max operating temperature : 105°C

Product No.	Color	Number of holes	Wire range (mm ²)	Packing specification
				Bag
APPC-2P	Red	2	24A/450V/2.5/Sol	500
APPC-3P	Orange	3	24A/450V/2.5/Sol	500
APPC-4P	Yellow	4	24A/450V/2.5/Sol	500
APPC-5P	Gray	5	24A/450V/2.5/Sol	500
APPC-8P	Purple	8	24A/450V/2.5/Sol	300

Marker Tie

Mark Tie [Nylon]



- Material : Nylon 66
- Color : White
- Other colors are made to order separately

Product No.	Length (mm)	Width (mm)	Thickness (mm)	Markable Size(mm)		Tensile strength (Kgf)	Packing specification
				Width	Height		Bag
APMK-100	100	2.5	1.1	25	8	8	1,000
APMK-200	200	2.5	1.1	25	8	8	1,000

Plastic Seal

Plastic Seal



- Material : PP+PE
- Print : On demand

Product No.	Color	Length(mm)	Width(mm)	Printing area (mm)	Packaging Quantity(Bag)
APPS-416	Pink	6	6	40*21	100

* Possible Colors: Pink, Yellow, Blue, etc

Cable Clamp Cable Clamp [Nylon]



- Material : Nylon 66
- Color : White

Product No.	Inner diameter (mm)	Hole inner diameter (mm)	Width (mm)	Thickness (mm)	Packing specification
					Bag
APCC-2N	2.8	4.4	9.5	1.1	1,000
APCC-3N	4.6				
APCC-4N	5.6				
APCC-5N	7.4				
APCC-6N	10.0				
APCC-7N	10.7				
APCC-8N	11.9				
APCC-9N	13.5				
APCC-10N	14.0				

Wire Connector Connector [Nylon]



- Material(Housing) : PA 66 / PE
- Color : White

Product No.	Wire range(mm ²)	Connection diameter (mm)	Packing specification
			Bag
APWP-1.5	1.5	2.5	1,000
APWP-2.5	2.5	3.0	1,000
APWP-4.0	4.0	4.0	1,000
APWP-6.0	6.0	4.5	1,000

Bullet Terminal

Bullet Terminal [F/M]



- Terminal material : BRASS
- Body material : PE
- Operating voltage : 300V MAX

Product No.	Color	Wire range(mm ²)	Packing specification
			Bag
APMPV1-156	Red	22-16	1,000
APMPV2-156	Blue	16-14	1,000
APMPV5-195	Yellow	16-14	500
APFRV1-156	Red	22-16	1,000
APFRV2-156	Blue	16-14	1,000
APFRV2-195	Blue	22-16	500
APFRV5-195	Yellow	16-14	500

Quick Splice Connectors Scouch Lock



- Material : PP or Nylon 66
- Color : Red, Blue, Yellow
- UL certification

Product No.	Color	Wire range(mm ²)	Packing specification
			Bag
APSC-3N	Red	22-18	500
APSC-4N	Blue	18-14	500
APSC-5N	Yellow	12-10	500
APSC-10N	Red	22-18	500
APSC-11N	Blue	16-14	500

Tie Mount

Tie Mount



- Material : Nylon 66
- Color : White/Black

Product No.	Applicable thread	Tie width (mm)	Width (mm)	Height (mm)	Inner diameter (Φ)	Packing specification
						Bag
APTМ-2S	M3~M4	2.5~4.8	15	9.5	3.8	1,000
APTМ-3S	M5~M6	4.8~7.6	23.8	15.2	5.1	1,000

Insulated Ferrules

Pen Hole Terminal



- Material : Electrolytic copper
- Color : Color by size

Product No.	Wire range (mm ²)	Lower outer diameter (mm)	Upper outer diameter (mm)	Total length (mm)	Pin length (mm)	Color	Packing specification
							Bag
APPH-002506	0.25	2.5	1.1	10.4	6.0	Skyblue	500
APPH-005006	0.50	2.5	1.3	12.0	6.0	Orange	1,000
APPH-075006	0.75	3.4	1.5	12.0	6.0	White	1,000

* Inquiries about various specifications

Stainless Tie

Stainless Tie



- Material : SUS 304
- Use environment : available both indoor and outdoor
- Operating temperature range : -60°C to 300°C

Product No.	Length(mm)	Width(mm)	Thickness(mm)	Tensile strength
APST-200A	200	4.6	0.25	90.8
APST-300B	300	7.9	0.25	150
APST-434C	434	12.7	0.25	272
APST-434D	434	15.9	0.38	408

* Inquiries about various specifications

Packing Design

Packing





www.koreacabletie.com

Tel +82-70) 8701-6508

Fax +82-61) 3 9 3-1788



 **SURYONG IND Co.,Ltd**