



KST[®]

STAINLESS STEEL CABLE TIES

健和興端子股份有限公司

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KST specializes in premium-grade stainless steel cable ties crafted to organize essential materials and products effectively and securely across a broad spectrum of industries and commercial applications.

Strength and Durability: Outperforming plastic ties, these stainless steel variants exhibit exceptional strength, lasting for many years with a minimum tensile strength of up to 270kg (595lb).

Range of Sizes: Available in lengths from 125mm to 1200mm (5 to 47 inches), suitable for various applications.

Food Processing Compliance: Compliant with food safety regulations due to their detectable metal composition and corrosion-resistant properties, commonly used in food processing plants.

HVAC Systems Application: Securely fasten power and control cables in large industrial, commercial, or marine HVAC systems, ensuring long-lasting performance without emitting harmful gases or particles.

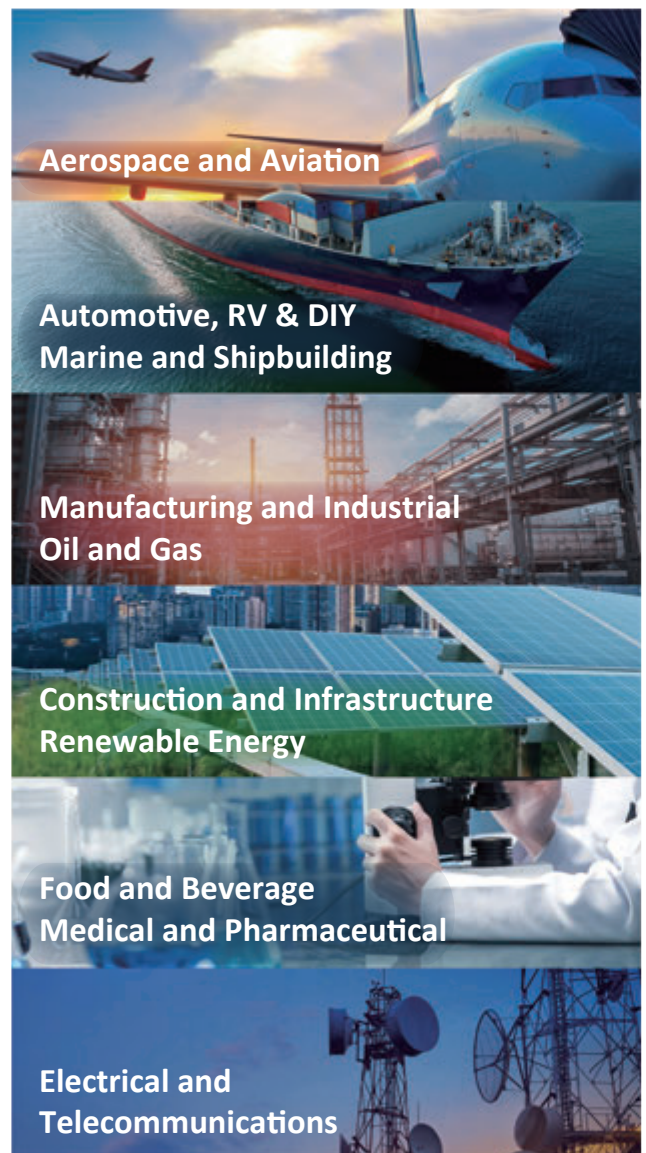
Resilience in Extreme Conditions: Well-suited for harsh environments characterized by extreme temperatures, vibrations, or humidity, such as heavy industrial and marine applications.

Weather Endurance: Constructed with 316-grade stainless steel, these cable ties can endure various weather conditions, UV rays, and resist corrosion, making them suitable for marine and outdoor use. *Ratchet Cable ties use 304-grade stainless steel.

Suitable for Varied Environments: These stainless steel cable ties excel in a multitude of environments, adapting seamlessly to both indoor and outdoor settings.

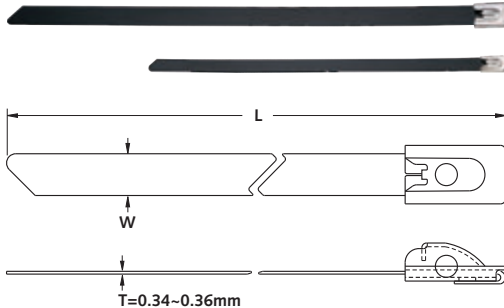


APPLICATIONS



Types & Features

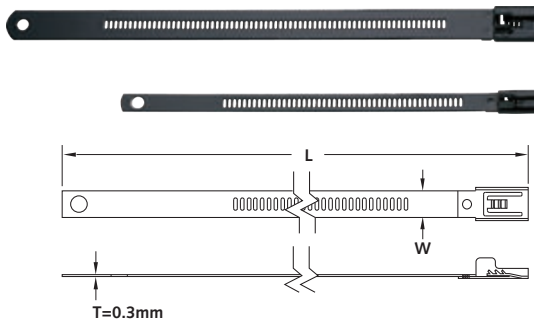
Ball-lock Type Stainless Steel Cable Ties



Self-locking mechanism (steel ball) provide easy application requiring low insertion force.

Uncoated or fully coated with non-toxic, halogen free nylon.
Angled/rounded tail, for safer handling and easier insertion.

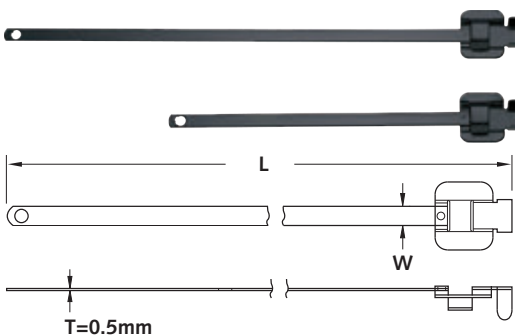
Ladder Type Stainless Steel Cable Ties



Self-locking mechanism eliminates the need for crimping.

Uncoated or fully coated with non-toxic, halogen free nylon.
Hook hole facilitates hook-type tool making installation easy.
Rounded tail for safer handling and easier insertion.

Releasable Type Stainless Steel Cable Ties



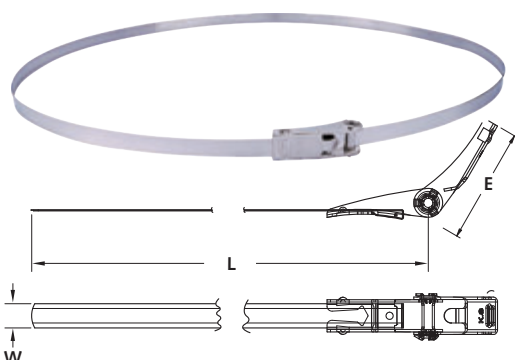
Releasable buckle enables easy unfastening for reusability.

Fully coated with non-toxic, halogen free nylon.

Rounded tail, for safer handling and easier insertion.

Hook hole facilitates hook-type tool making installation easy.

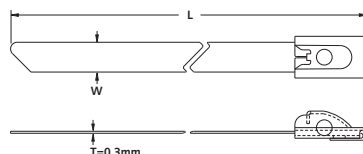
Ratchet Type Stainless Steel Cable Ties



Ratchet mechanism ensures a firm, reliable grip without requiring time-consuming crimping or folding operations.

Rounded tail, for safer handling and easier insertion.

Ball-lock Type



Standard (Uncoated) / Nylon Coated

| Standard (Uncoated) | Nylon Coated | Max Bundle Dia Ø mm(Inch) | "L" Approx Length mm(Inch) | "W" Approx Width mm(Inch) | Min Loop Tensile σ Kg(Lb) | Bag Quantity |
|---------------------|--------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------|
| STB-125S | STBCE-125S | 20(0.79) | 125(4.92) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-152S | STBCE-152S | 25(0.98) | 152(5.98) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-200S | STBCE-200S | 50(1.97) | 200(7.87) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-250S | STBCE-250S | 60(2.36) | 250(9.84) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-300S | STBCE-300S | 75(2.95) | 300(11.81) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-360S | STBCE-360S | 102(4.02) | 360(14.17) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-400S | STBCE-400S | 108(4.25) | 400(15.75) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-500S | STBCE-500S | 140(5.51) | 500(19.69) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-520S | STBCE-520S | 152(5.98) | 520(20.47) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-680S | STBCE-680S | 203(7.99) | 680(26.77) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-840S | STBCE-840S | 254(10) | 840(33.07) | 4.5(0.18) | 45.4(100) | 100 PCS |
| STB-1050S | STBCE-1050S | 318(12.52) | 1050(41.34) | 4.5(0.18) | 45.4(100) | 25 PCS |
| STB-152M | STBCE-152M | 25(0.98) | 152(5.98) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-200M | STBCE-200M | 50(1.97) | 200(7.87) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-250M | STBCE-250M | 60(2.36) | 250(9.84) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-300M | STBCE-300M | 75(2.95) | 300(11.81) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-360M | STBCE-360M | 102(4.02) | 360(14.17) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-520M | STBCE-520M | 152(5.98) | 520(20.47) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-680M | STBCE-680M | 203(7.99) | 680(26.77) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-840M | STBCE-840M | 254(10) | 840(33.07) | 8(0.31) | 113.4(250) | 50 PCS |
| STB-1050M | STBCE-1050M | 318(12.52) | 1050(41.34) | 8(0.31) | 113.4(250) | 25 PCS |
| STB-290L | STBCE-290L | 80(3.15) | 290(11.42) | 12(0.47) | 270(595) | 25 PCS |
| STB-360L | STBCE-360L | 102(4.02) | 360(14.17) | 12(0.47) | 270(595) | 25 PCS |
| STB-430L | STBCE-430L | 121(4.76) | 430(16.93) | 12(0.47) | 270(595) | 25 PCS |
| STB-520L | STBCE-520L | 152(5.98) | 520(20.47) | 12(0.47) | 270(595) | 25 PCS |
| STB-600L | STBCE-600L | 175(6.89) | 600(23.62) | 12(0.47) | 270(595) | 25 PCS |
| STB-680L | STBCE-680L | 203(7.99) | 680(26.77) | 12(0.47) | 270(595) | 25 PCS |
| STB-750L | STBCE-750L | 230(9.06) | 750(29.53) | 12(0.47) | 270(595) | 25 PCS |
| STB-840L | STBCE-840L | 254(10) | 840(33.07) | 12(0.47) | 270(595) | 25 PCS |
| STB-910L | STBCE-910L | 273(10.75) | 910(35.83) | 12(0.47) | 270(595) | 25 PCS |
| STB-1000L | STBCE-1000L | 302(11.89) | 1000(39.37) | 12(0.47) | 270(595) | 10 PCS |
| STB-1070L | STBCE-1070L | 325(12.8) | 1070(42.13) | 12(0.47) | 270(595) | 10 PCS |
| STB-1200L | STBCE-1200L | 351(13.82) | 1200(47.24) | 12(0.47) | 270(595) | 10 PCS |

Technical information



Material:

316 grade stainless steel for enhanced temperature & corrosion resistance.

Differentiating Benefits

Standard (Uncoated)

Temperature range:
-80°C to 538°C (-112°F to 1000°F)
Color: Metallic
Strap thickness: 0.3mm
Benefits: Extremely high flame and UV resistance

Nylon Coated

Coating Material: Nylon 11
Color: Black
Temperature range:
-40°C to 120°C (-40°F to 248°F)
Strap thickness: 0.36mm
Benefits: Enhanced Resistance to Corrosion

Application Tools

KST-STG200 – For all sizes S, M, L Cable Ties.



KST-200-S284 - For Small Cable Ties only (Max Width 7.9mm)

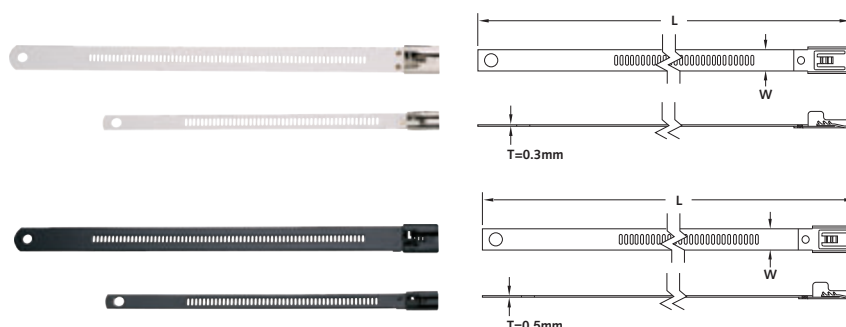


Features & Benefits

- Self-locking ball-lock mechanism eliminates time-consuming crimping or folding.
- Features a robust self-locking mechanism, requiring minimal insertion force.
- Ensures quick, hassle-free, and dependable installation.
- Standard widths 4.5mm, 8mm, and 12mm & Lengths for indoor & outdoor applications.

Ladder Type

Standard (Uncoated) / Nylon Coated



| Standard (Uncoated) | Nylon Coated | Max Bundle Dia Ø mm(Inch) | "L" Approx Length mm(Inch) | "W" Approx Width mm(Inch) | Min Loop Tensile σ Kg(Lb) | Bag Quantity |
|---------------------|--------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------|
| STL-150S | STLC-150S | 22(0.87) | 150(5.91) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-195S | STLC-195S | 45(1.77) | 195(7.68) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-255S | STLC-255S | 64(2.52) | 255(10.04) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-335S | STLC-335S | 89(3.5) | 335(13.19) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-490S | STLC-490S | 139(5.47) | 490(19.29) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-635S | STLC-635S | 185(7.28) | 635(25) | 7(0.28) | 113.4(250) | 100 PCS |
| STL-150M | STLC-150M | 22(0.87) | 150(5.91) | 12(0.47) | 113.4(250) | 100 PCS |
| STL-195M | STLC-195M | 45(1.77) | 195(7.68) | 12(0.47) | 113.4(250) | 100 PCS |
| STL-255M | STLC-255M | 64(2.52) | 255(10.04) | 12(0.47) | 113.4(250) | 100 PCS |
| STL-335M | STLC-335M | 89(3.5) | 335(13.19) | 12(0.47) | 113.4(250) | 100 PCS |
| STL-490M | STLC-490M | 139(5.47) | 490(19.29) | 12(0.47) | 113.4(250) | 100 PCS |
| STL-635M | STLC-635M | 185(7.28) | 635(25) | 12(0.47) | 113.4(250) | 100 PCS |

Features & Benefits

- **Flat, Low-Profile Head:** Facilitates easy application with its design that ensures a smooth and straightforward installation process.
- **Strong Self-Locking Mechanism:** Employs a robust ratchet mechanism, eliminating the need for time-consuming crimping or folding operations.
- **Installation Convenience:** The head's flat and low-profile design, devoid of sharp edges, allows for hassle-free installation.
- **Corrosion Resistance:** Constructed from durable 316-grade stainless steel, these ties offer exceptional resistance to mechanical wear and various chemicals, ensuring prolonged durability.
- **Uncoated Version for High Temperatures:** The uncoated version is suitable for applications involving high temperatures.
- **Coated version for Additional Resistance to Corrosion:** Provides enhanced protection against corrosion and oxidation, which is particularly helpful in environments prone to moisture, humidity, or chemical exposure.

Technical information



Material:

316 grade stainless steel for enhanced temperature & corrosion resistance.

Differentiating Benefits

Standard (Uncoated)

Temperature range:
-80°C to 538°C (-112°F to 1000°F)
Color: Metallic
Strap thickness: 0.3mm
Benefits: Extremely high flame and UV resistance

Nylon Coated

Coating Material: Nylon 11
Color: Black
Strap thickness: 0.5mm
Temperature range:
-40°C to 120°C (-40°F to 248°F)
Benefits: Enhanced Resistance to Corrosion

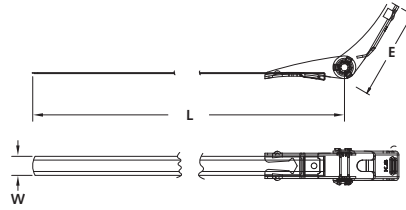
Application Tools

KST-STG200 – For S & M size Cable Ties.



Ratchet Type

Standard (Uncoated)



| Nylon Coated | Max Bundle Dia Ø mm(Inch) | "L" Approx Length mm(Inch) | "W" Approx Width mm(Inch) | "E" Approx Head mm(Inch) | Bag Quantity |
|--------------|---------------------------|----------------------------|---------------------------|--------------------------|--------------|
| STT-900 | 230(9.06) | 900(35.43) | 10(0.39) | 48(1.89) | 10 PCS |
| STT-1100 | 300(11.81) | 1100(43.31) | 10(0.39) | 48(1.89) | 10 PCS |
| STT-1315 | 380(14.96) | 1315(51.77) | 10(0.39) | 48(1.89) | 10 PCS |

Features & Benefits

- Ratchet mechanism ensures a firm, reliable grip without requiring time-consuming crimping or folding operations.
- Durability and resilience owing to 304-grade stainless steel construction, offering moderate resistance to mechanical wear and corrosion.
- Designed for versatile applications demanding a sturdy and secure fastening solution in both indoor and outdoor settings.

Technical information



Material:

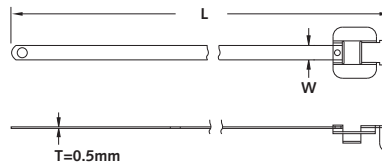
304 grade stainless steel is a cost-effective solution offering high temperature & corrosion resistance.

Standard (Uncoated)

Temperature range:
-80°C to 538°C (-112°F to 1000°F)
Color: Metallic
Strap thickness: 0.3mm
Benefits: Extremely high flame and UV resistance

Releasable Type

Nylon Coated



| Nylon Coated | Max Bundle Dia Ø mm(Inch) | "L" Approx Length mm(Inch) | "W" Approx Width mm(Inch) | Min Loop Tensile σ Kg(Lb) | Bag Quantity |
|--------------|---------------------------|----------------------------|---------------------------|---------------------------|--------------|
| STC-152S | 38(1.5) | 152(5.98) | 6.3(0.25) | 136(5.35) | 100 PCS |
| STC-229S | 63(2.48) | 229(9.02) | 6.3(0.25) | 136(5.35) | 100 PCS |
| STC-305S | 86(3.39) | 305(12.01) | 6.3(0.25) | 136(5.35) | 100 PCS |
| STC-457S | 137(5.39) | 457(17.99) | 6.3(0.25) | 136(5.35) | 100 PCS |
| STC-610S | 185(7.28) | 610(24.02) | 6.3(0.25) | 136(5.35) | 100 PCS |

Features & Benefits

- Releasable buckle design enables easy unfastening for reusability.
- 316-grade stainless steel for exceptional mechanical and chemical durability.
- Nylon coating provides superior cable protection, installer's hand safety, and enhanced insulation between different materials.
- Fast, effortless, and reliable installation, capable of manual installation; hook hole at the end of the tie permits easy capture by hook-type tool.

Technical information



Material:

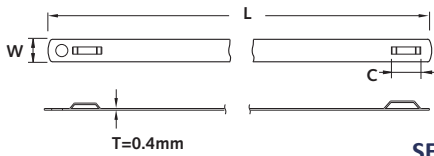
316 grade stainless steel provides enhanced high temperature & corrosion resistance.

Nylon Coated

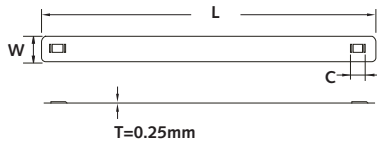
Coating Material: Nylon 11
Color: Black
Strap thickness: 0.5mm
Temperature range:
-40°C to 120°C (-40°F to 248°F)
Benefits: Enhanced Resistance to Corrosion

Cable Markers

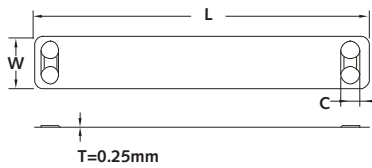
Nylon Coated / Epoxy Coated



SECPC/SECPCE



SMPS



SMPM



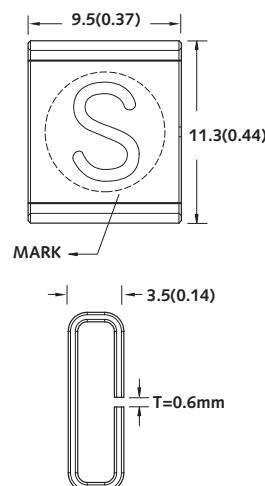
| Nylon Coated | Epoxy Coated | Standard (Uncoated) | "L" Length mm(Inch) | "W" Width mm(Inch) | "T" Thickness mm(Inch) | "C" Cable Slot mm(Inch) | Bag Quantity |
|--------------|--------------|---------------------|---------------------|--------------------|------------------------|-------------------------|--------------|
| SECPC-93 | SECPCE-93 | NA | 99(3.9) | 9.5(0.37) | 0.4(.016) | 11.9(0.47) | 100 PCS |
| SECPC-131 | SEPEC-131 | NA | 137(5.39) | 9.5(0.37) | 0.4(.016) | 11.9(0.47) | 100 PCS |
| SECPC-188 | SECPCE-188 | NA | 194(7.64) | 9.5(0.37) | 0.4(.016) | 11.9(0.47) | 100 PCS |
| NA | NA | SMPS-4.5 | 88.9(3.5) | 9.5(0.37) | 0.25(.0098) | 5.9(.23) | 100 PCS |
| NA | NA | SMPS-8.0 | 102(4.02) | 10(0.39) | 0.25(.0098) | 11(.43) | 100 PCS |
| NA | NA | SMPM-4.5 | 88.9(3.5) | 19(0.75) | 0.25(.0098) | 6.2(.24) | 100 PCS |

Features & Benefits

- Nylon 11 is known for its exceptional resistance to chemicals, solvents, and various corrosive substances. It offers excellent durability and resilience in chemical environments.
- Epoxy-based Cable Markers are revered for their excellent electrical insulating properties and superior resistance to environmental factors.
- Standard (Uncoated) - 316-grade stainless steel for exceptional mechanical and chemical durability.

Slide-on Bands

| Item No. / Letter, Number, Symbol Description | | | | | | Bag Quantity |
|---|-------|-------|-------|-------|----------------|--------------|
| SEC-A | SEC-H | SEC-O | SEC-V | SEC-3 | SEC-BLANK | 1000 PCS |
| SEC-B | SEC-I | SEC-P | SEC-W | SEC-4 | SEC-PLUS(+) | |
| SEC-C | SEC-J | SEC-Q | SEC-X | SEC-5 | SEC-MINUS(-) | |
| SEC-D | SEC-K | SEC-R | SEC-Y | SEC-6 | SEC-EARTH(+/-) | |
| SEC-E | SEC-L | SEC-S | SEC-Z | SEC-7 | SEC-SINE(~) | |
| SEC-F | SEC-M | SEC-T | SEC-1 | SEC-8 | SEC-SLASH(/) | |
| SEC-G | SEC-N | SEC-U | SEC-2 | SEC-9 | SEC-ARROW(←) | |



Technical information



Material:

316 grade non-magnetic stainless steel for enhanced corrosion resistance.

Differentiating Benefits:

Nylon / Epoxy Coated

Color: Black

Temperature range:

-40°C to 120°C (-40°F to 248°F)

Cable Marker Thickness:

SECPC/SECPCE: 0.4mm

Nylon Benefits:

Enhanced Resistance to Chemical Corrosion

Epoxy Benefits: Provides greater Electrical Insulation applications where electrical conductivity needs to be minimized or isolated

Standard (Uncoated)

Color: Metallic

Temperature range:

-80°C to 538°C (-112°F to 1000°F)

Cable Marker Thickness:

SMPS/ SMPM: 0.25mm

Benefits: Extremely high flame and UV resistance



Stainless Steel Cable Ties

KST supports a full range of stainless steel cable ties from which customers can choose various sizes, specifications, and different stainless materials. Additional surface treatments can also be applied on stainless steel cable ties to enhance corrosion resistance and edge protection capacities.



Nylon Cable Ties

All the general cable ties series are UL certified. The KST cable-tie series support a full range of specifications. They can meet customers' different requirements of styles, tensile strength, width, materials, colors, and use conditions.