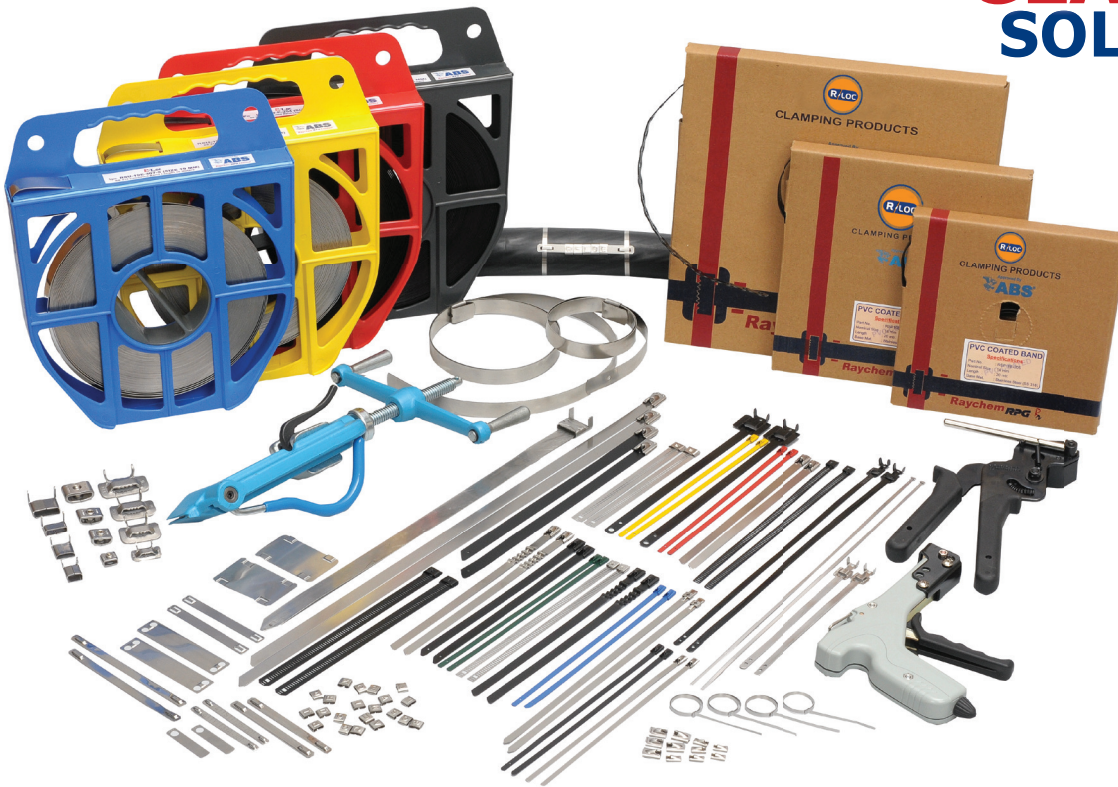


Raychem RPG

ENGINEERING GROWTH. PIONEERING EXCELLENCE



CLAMPING SOLUTIONS



(A TE-Connectivity - RPG Enterprises JV)

* Applicable only on specific products

OUR COMPANY



Raychem RPG (P) Ltd., incorporated in 1989, is a 50:50 joint Venture between TE Connectivity, U.S.A. (formerly Tyco Electronics) and RPG Enterprises, India.

TE Connectivity is a US\$13 Billion global provider for solutions in Network, Transportation, Consumers and Industrial for over 50 years.

RPG Enterprises, an establishment of over 30 years, is one of India's fastest growing business groups with turnover of US\$ 3 Billion. The group has more than fifteen companies managing diverse business interests in the areas of Automotive Tyres, Infrastructure, IT and Specialty including Pharmaceuticals, Power Ancillaries & Plantations.



INDEX

1.	Cable Ties	5 - 14
	a. Introduction	
	i. Wedge Lock Mechanism	6
	ii. Laboratory Testing facilities for R-Loc clamping products	6
	iii. Types of Cable Ties	7
	iv. Nomenclature	7
	b. Ball Lock Cable Ties	
	i. Uncoated	8
	ii. Coated	9
	c. Spring Type Cable Ties	
	i. Uncoated	10
	ii. Coated	11
	d. Releasable Cable Ties	
	i. Uncoated	12
	ii. Coated	13
	e. Ladder Type Cable Ties	14
	i. Uncoated	
	ii. Coated	
2.	Identification System	15 - 17
	a. Alphanumeric Characters	16
	b. Carrier Strips – Coated /Uncoated	16
	c. Marker Plates and Tags	17
	d. Custom Marked Tags (Laser & Embossed)	17
3.	Bands (Straps) and Buckles (Clips)	18 - 30
	a. Bands (Straps)	20
	i. Bands for Corrosive Atmospheric Application	21
	ii. Utility Bands	22
	iii. Aluminium Perforated Strip	23
	iv. Heavy Duty Bands	23
	v. PVC Coated Bands	24
	vi. Bands for Highly Corrosive Applications	24
	vii. All Purpose Bands	25
	b. Pre-Cut Band and Buckle System	26
	i. Pre-Cut Assembled Straps – Jaw Type	
	ii. Pre-Cut Assembled Straps – Wing Type	
	c. Buckles (Clips)	27
	i. Jaw Type	
	ii. Wing Type	
	ii. Screw Type	
	Sign Mounting Brackets	28
	Tools	29
	Stress -Strain Curve for Typical Tensile Test	30

APPLICATIONS

Locomotive



Oil & Petrochemical



Shipping



Signages & Signals



Power Utilities



Refineries & Industries



Automotive



Communication

Cable Installations



1 | CABLE TIES

CABLE TIES

Introduction

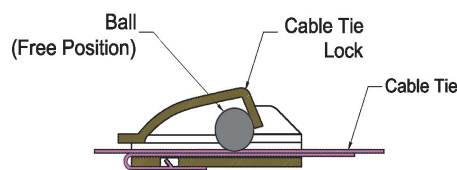
R-Loc Stainless Steel Cable Ties provide solutions to all your clamping problems. R-Loc cable ties are used world-wide to secure Poles, Cables, Pipes and perform host of other clamping functions.

"R-Loc" cable ties not only have high resistance to heat but can also stand the test of salts and acids. They are the perfect choice for indoor, outdoor and underground applications. R-Loc cable ties have round edges and are safe for handling. To ensure the security of your clamping functions, R-Loc ties are subject to rigorous physical and chemical testing. Cable ties are randomly subjected to loop tensile strength.

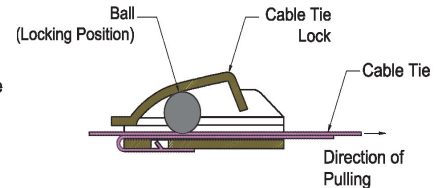
R-Loc Cable ties are offered in both AISI 304 (EN DIN 1.4301) and AISI (EN DIN 1.4401) Stainless Steel. We provide customized solutions including designing, testing, validation and stimulation through our in house testing facilities.

Wedge Lock Mechanism

1) Free Position



2) Locking Position



Cable Tie

Laboratory Testing Facilities for R-Loc Clamping products

SPECTROMETER



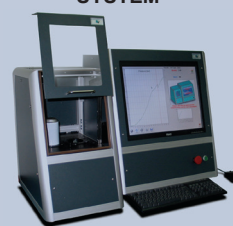
Used for checking the chemical composition of the metal

DIGITAL FILM THICKNESS CHECKER



This Instrument is used for Checking Powder Coating Thickness on Coated Cable Ties.

VISION MEASUREMENT SYSTEM



Used for Checking Profile Dimensions of Buckle.

CMM MACHINE



CMM Machine is used for Checking Critical Dimensions

TENSILE TESTING MACHINE



Tensile Testing Machine for Testing Raw Material & Mechanical Properties

LOAD TESTING USING TENSILE TESTING MACHINE



Cable Ties are Fit Into the Specially Designed Fixture, then it is Put for Load Testing

SURFACE TESTING MACHINE



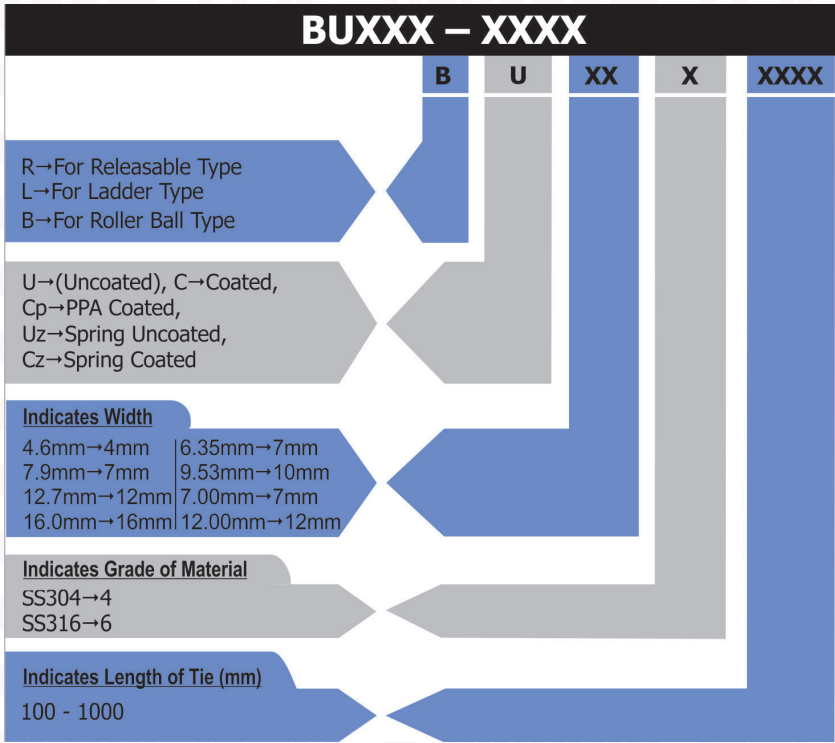
Machine is used for Checking Surface Roughness of Components.



Types of Cable Ties



Nomenclature



BALL LOCK CABLE TIES UNCOATED



Technical information:

Material : A) 316 grade non-magnetic stainless steel
B) 304 grade non-magnetic stainless steel

Temperature Range : -60°C to +300°C

Surface Finish : Metallic

Flamability Rating : UL94 fireproof, Halogen free and UV-resistant

Multicolour : Available

Tested : Fire Rated & Short Circuit Test

*Ball Lock Uncoated - 4.6mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
BU44-100	BU46-100	0.18	4.6	4	100	0.01	0.25	0.7	18	445	100	100/bag
BU44-127 #	BU46-127	0.18	4.6	5.0	127	0.01	0.25	1.1	27	445	100	100/bag
BU44-150	BU46-150	0.18	4.6	6	150	0.01	0.25	1.3	34	445	100	100/bag
BU44-200	BU46-200	0.18	4.6	8	200	0.01	0.25	2.0	50	445	100	100/bag
BU44-250 #	BU46-250	0.18	4.6	9.8	250	0.01	0.25	2.6	66	445	100	100/bag
BU44-260	BU46-260	0.18	4.6	10	260	0.01	0.25	2.7	69	445	100	100/bag
BU44-300 #	BU46-300	0.18	4.6	11.8	300	0.01	0.25	3.2	82	445	100	100/bag
BU44-360	BU46-360	0.18	4.6	14	360	0.01	0.25	3.9	100	445	100	100/bag
BU44-400 #	BU46-400	0.18	4.6	15.7	400	0.01	0.25	4.5	114	445	100	100/bag
BU44-450 #	BU46-450	0.18	4.6	17.7	450	0.01	0.25	5.1	130	445	100	100/bag
BU44-520	BU46-520	0.18	4.6	20	520	0.01	0.25	5.9	151	445	100	100/bag
BU44-620	BU46-620	0.18	4.6	24	620	0.01	0.25	7.2	183	445	100	100/bag
BU44-680 #	BU46-680	0.18	4.6	26.8	680	0.01	0.25	8.0	203	445	100	100/bag
BU44-840	BU46-840	0.18	4.6	33	840	0.01	0.25	10.0	253	445	100	100/bag
BU44-1000	BU46-1000	0.18	4.6	39	1000	0.01	0.25	12.0	304	445	100	100/bag

*Ball Lock Uncoated - 7.9mm width

BU74-100	BU76-100	0.31	7.9	4	100	0.01	0.25	0.7	18	1112	250	100/bag
BU74-127 #	BU76-127	0.31	7.9	5.0	127	0.01	0.25	1.1	27	1112N	250	100/bag
BU74-150	BU76-150	0.31	7.9	6	150	0.01	0.25	1.3	34	1112	250	100/bag
BU74-200	BU76-200	0.31	7.9	8	200	0.01	0.25	2.0	50	1112	250	100/bag
BU74-250 #	BU76-250	0.31	7.9	9.8	250	0.01	0.25	2.6	66	1112N	250	100/bag
BU74-260	BU76-260	0.31	7.9	10	260	0.01	0.25	2.7	69	1112	250	100/bag
BU74-300 #	BU76-300	0.31	7.9	11.8	300	0.01	0.25	3.2	82	1112N	250	100/bag
BU74-360	BU76-360	0.31	7.9	14	360	0.01	0.25	3.9	100	1112	250	100/bag
BU74-400 #	BU76-400	0.31	7.9	15.7	400	0.01	0.25	4.5	114	1112N	250	100/bag
BU74-450 #	BU76-450	0.31	7.9	17.7	450	0.01	0.25	5.1	130	1112N	250	100/bag
BU74-520	BU76-520	0.31	7.9	20	520	0.01	0.25	5.9	151	1112	250	100/bag
BU74-620	BU76-620	0.31	7.9	24	620	0.01	0.25	7.2	183	1112	250	100/bag
BU74-680 #	BU76-680	0.31	7.9	26.8	680	0.01	0.25	8.0	203	1112N	250	100/bag
BU74-840	BU76-840	0.31	7.9	33	840	0.01	0.25	10.0	253	1112	250	100/bag
BU74-1000	BU76-1000	0.31	7.9	39	1000	0.01	0.25	12.0	304	1112	250	100/bag

Ball Lock Uncoated - Heavy Duty - 12.7mm width

BU124-100	BU126-100	0.50	12.7	4	100	0.02	0.40	0.7	18	3115	700	100/bag
BU124-150	BU126-150	0.50	12.7	6	150	0.02	0.40	1.3	34	3115	700	100/bag
BU124-200	BU126-200	0.50	12.7	8	200	0.02	0.40	2.0	50	3115	700	100/bag
BU124-260	BU126-260	0.50	12.7	10	260	0.02	0.40	2.7	69	3115	700	100/bag
BU124-360	BU126-360	0.50	12.7	14	360	0.02	0.40	3.9	100	3115	700	100/bag
BU124-520	BU126-520	0.50	12.7	20	520	0.02	0.40	5.9	151	3115	700	100/bag
BU124-620	BU126-620	0.50	12.7	24	620	0.02	0.40	7.2	183	3115	700	100/bag
BU124-840	BU126-840	0.50	12.7	33	840	0.02	0.40	10.0	253	3115	700	100/bag
BU124-1000	BU126-1000	0.50	12.7	39	1000	0.02	0.40	12.0	304	3115	700	100/bag

Ball Lock Uncoated - Heavy Duty - 16.0mm width

BU164-150	BU166-150	0.63	16.0	6	150	0.02	0.40	1.3	34	800	3560	100/bag
BU164-200	BU166-200	0.63	16.0	8	200	0.02	0.40	2.0	50	800	3560	100/bag
BU164-260	BU166-260	0.63	16.0	10	260	0.02	0.40	2.7	69	800	3560	100/bag
BU164-360	BU166-360	0.63	16.0	14	360	0.02	0.40	3.9	100	800	3560	100/bag
BU164-520	BU166-520	0.63	16.0	20	520	0.02	0.40	5.9	151	800	3560	100/bag
BU164-620	BU166-620	0.63	16.0	24	620	0.02	0.40	7.2	183	800	3560	100/bag
BU164-840	BU166-840	0.63	16.0	33	840	0.02	0.40	10.0	253	800	3560	100/bag
BU164-1000	BU166-1000	0.63	16.0	39	1000	0.02	0.40	12.0	304	800	3560	100/bag

UL Certification in progress



BALL LOCK CABLE TIES COATED



Technical information:

Material : A) 316 grade non-magnetic stainless steel
B) 304 grade non-magnetic stainless steel

Temperature Range : -60°C to +150°C

Surface Finish : Pure Polyester and Epoxy Coatings

Flamability Rating : UL94 fireproof, Halogen free and UV-resistant

Multicolour : Available

*Ball Lock Coated - 4.6mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
BC44-100	BC46-100	0.18	4.6	4	100	0.01	0.25	0.7	18	445	100	100/bag
BC44-127 #	BC46-127	0.18	4.6	5.0	127	0.01	0.25	1.1	27	445	100	100/bag
BC44-150	BC46-150	0.18	4.6	6	150	0.01	0.25	1.3	34	445	100	100/bag
BC44-200	BC46-200	0.18	4.6	8	200	0.01	0.25	2.0	50	445	100	100/bag
BC44-250 #	BC46-250	0.18	4.6	9.8	250	0.01	0.25	2.6	66	445	100	100/bag
BC44-260	BC46-260	0.18	4.6	10	260	0.01	0.25	2.7	69	445	100	100/bag
BC44-300 #	BC46-300	0.18	4.6	11.8	300	0.01	0.25	3.2	82	445	100	100/bag
BC44-360	BC46-360	0.18	4.6	14	360	0.01	0.25	3.9	100	445	100	100/bag
BC44-400 #	BC46-400	0.18	4.6	15.7	400	0.01	0.25	4.5	114	445	100	100/bag
BC44-450 #	BC46-450	0.18	4.6	17.7	450	0.01	0.25	5.1	130	445	100	100/bag
BC44-520	BC46-520	0.18	4.6	20	520	0.01	0.25	5.9	151	445	100	100/bag
BC44-620	BC46-620	0.18	4.6	24	620	0.01	0.25	7.2	183	445	100	100/bag
BC44-680 #	BC46-680	0.18	4.6	26.8	680	0.01	0.25	8.0	203	445	100	100/bag
BC44-840	BC46-840	0.18	4.6	33	840	0.01	0.25	10.0	253	445	100	100/bag
BC44-1000	BC46-1000	0.18	4.6	39	1000	0.01	0.25	12.0	304	445	100	100/bag

*Ball Lock Coated - 7.9mm width

BC74-100	BC76-100	0.31	7.9	4	100	0.01	0.25	0.7	18	1112	250	100/bag
BC74-127 #	BC76-127	0.31	7.9	5.0	127	0.01	0.25	1.1	27	1112N	250	100/bag
BC74-150	BC76-150	0.31	7.9	6	150	0.01	0.25	1.3	34	1112	250	100/bag
BC74-200	BC76-200	0.31	7.9	8	200	0.01	0.25	2.0	50	1112	250	100/bag
BC74-250 #	BC76-250	0.31	7.9	9.8	250	0.01	0.25	2.6	66	1112N	250	100/bag
BC74-260	BC76-260	0.31	7.9	10	260	0.01	0.25	2.7	69	1112	250	100/bag
BC74-300 #	BC76-300	0.31	7.9	11.8	300	0.01	0.25	3.2	82	1112N	250	100/bag
BC74-360	BC76-360	0.31	7.9	14	360	0.01	0.25	3.9	100	1112	250	100/bag
BC74-400 #	BC76-400	0.31	7.9	15.7	400	0.01	0.25	4.5	114	1112N	250	100/bag
BC74-450 #	BC76-450	0.31	7.9	17.7	450	0.01	0.25	5.1	130	1112N	250	100/bag
BC74-520	BC76-520	0.31	7.9	20	520	0.01	0.25	5.9	151	1112	250	100/bag
BC74-620	BC76-620	0.31	7.9	24	620	0.01	0.25	7.2	183	1112	250	100/bag
BC74-680 #	BC76-680	0.31	7.9	26.8	680	0.01	0.25	8.0	203	1112N	250	100/bag
BC74-840	BC76-840	0.31	7.9	33	840	0.01	0.25	10.0	253	1112	250	100/bag
BCU74-1000	BC76-1000	0.31	7.9	39	1000	0.01	0.25	12.0	304	1112	250	100/bag

Ball Lock Coated - Heavy Duty - 12.7mm width

BC124-100	BC126-100	0.50	12.7	4	100	0.02	0.4	0.7	18	3115	700	100/bag
BC124-150	BC126-150	0.50	12.7	6	150	0.02	0.4	1.3	34	3115	700	100/bag
BC124-200	BC126-200	0.50	12.7	8	200	0.02	0.4	2.0	50	3115	700	100/bag
BC124-260	BC126-260	0.50	12.7	10	260	0.02	0.4	2.7	69	3115	700	100/bag
BC124-360	BC126-360	0.50	12.7	14	360	0.02	0.4	3.9	100	3115	700	100/bag
BC124-520	BC126-520	0.50	12.7	20	520	0.02	0.4	5.9	151	3115	700	100/bag
BC124-620	BC126-620	0.50	12.7	24	620	0.02	0.4	7.2	183	3115	700	100/bag
BC124-840	BC126-840	0.50	12.7	33	840	0.02	0.4	10.0	253	3115	700	100/bag
BC124-1000	BC126-1000	0.50	12.7	39	1000	0.02	0.4	12.0	304	3115	700	100/bag

Ball Lock Coated - Heavy Duty - 16.0mm width

BC164-150	BC166-150	0.63	16.0	6	150	0.02	0.40	1.3	34	3560	800	100/bag
BC164-200	BC166-200	0.63	16.0	8	200	0.02	0.40	2.0	50	3560	800	100/bag
BC164-260	BC166-260	0.63	16.0	10	260	0.02	0.40	2.7	69	3560	800	100/bag
BC164-360	BC166-360	0.63	16.0	14	360	0.02	0.40	3.9	100	3560	800	100/bag
BC164-520	BC166-520	0.63	16.0	20	520	0.02	0.40	5.9	151	3560	800	100/bag
BC164-620	BC166-620	0.63	16.0	24	620	0.02	0.40	7.2	183	3560	800	100/bag
BC164-840	BC166-840	0.63	16.0	33	840	0.02	0.40	10.0	253	3560	800	100/bag
BC164-1000	BC166-1000	0.63	16.0	39	1000	0.02	0.40	12.0	304	3560	800	100/bag

SPRING TYPE CABLE TIES UNCOATED



Technical information:

Spring Type	: The unique spring form maintains greater installed tension on non-resilient objects
Application	: Where tensions on solid object must be maintained
Material	: A) 316 grade non-magnetic stainless steel B) 304 grade non-magnetic stainless steel
Temperature Range	: -60°C to +300°C
Surface Finish	: Metallic
Flamability Rating	: UL94 fireproof, Halogen free and UV-resistant

Ball Lock Spring Type - Uncoated - 4.6mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
BUz44-200	BUz46-200	0.18	4.6	8	200	0.01	0.25	2.0	50	445	100	100/bag
BUz44-260	BUz46-260	0.18	4.6	10	260	0.01	0.25	2.7	69	445	100	100/bag
BUz44-360	BUz46-360	0.18	4.6	14	360	0.01	0.25	3.9	100	445	100	100/bag
BUz44-520	BUz46-520	0.18	4.6	20	520	0.01	0.25	5.9	151	445	100	100/bag
BUz44-680	BUz46-680	0.18	4.6	27	680	0.01	0.25	7.2	183	445	100	100/bag
BUz44-840	BUz46-840	0.18	4.6	33	840	0.01	0.25	10.0	253	445	100	100/bag
BUz44-1000	BUz46-1000	0.18	4.6	39	1000	0.01	0.25	12.0	304	445	100	100/bag

Ball Lock Spring Type - Uncoated - 7.9mm width

BUz74-200	BUz76-200	0.31	7.9	8	200	0.01	0.25	2.0	50	1112	250	100/bag
BUz74-260	BUz76-260	0.31	7.9	10	260	0.01	0.25	2.7	69	1112	250	100/bag
BUz74-360	BUz76-360	0.31	7.9	14	360	0.01	0.25	3.9	100	1112	250	100/bag
BUz74-520	BUz76-520	0.31	7.9	20	520	0.01	0.25	5.9	151	1112	250	100/bag
BUz74-680	BUz76-680	0.31	7.9	27	680	0.01	0.25	7.2	183	1112	250	100/bag
BUz74-840	BUz76-840	0.31	7.9	33	840	0.01	0.25	10.0	253	1112	250	100/bag
BUz74-1000	BUz76-1000	0.31	7.9	39	1000	0.01	0.25	12.0	304	1112	250	100/bag

Ball Lock Spring Type - Uncoated - 12.7mm width

BUz124-100	BUz126-100	0.50	12.7	4	100	0.02	0.40	0.7	18	3115	700	100/bag
BUz124-150	BUz126-150	0.50	12.7	6	150	0.02	0.40	1.3	34	3115	700	100/bag
BUz124-200	BUz126-200	0.50	12.7	8	200	0.02	0.40	2.0	50	3115	700	100/bag
BUz124-260	BUz126-260	0.50	12.7	10	260	0.02	0.40	2.7	69	3115	700	100/bag
BUz124-360	BUz126-360	0.50	12.7	14	360	0.02	0.40	3.9	100	3115	700	100/bag
BUz124-520	BUz126-520	0.50	12.7	20	520	0.02	0.40	5.9	151	3115	700	100/bag
BUz124-620	BUz126-680	0.50	12.7	24	620	0.02	0.40	7.2	183	3115	700	100/bag
BUz124-840	BUz126-840	0.50	12.7	33	840	0.02	0.40	10.0	253	3115	700	100/bag
BUz124-1000	BUz126-1000	0.50	12.7	39	1000	0.02	0.40	12.0	304	3115	700	100/bag

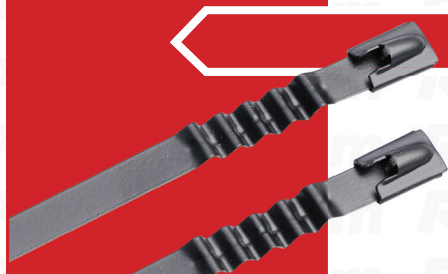
Ball Lock Spring Type - Uncoated - 16.0mm width

BUz164-150	BUz166-150	0.63	16.0	6	150	0.02	0.40	1.3	34	3560	800	100/bag
BUz164-200	BUz166-200	0.63	16.0	8	200	0.02	0.40	2.0	50	3560	800	100/bag
BUz164-260	BUz166-260	0.63	16.0	10	260	0.02	0.40	2.7	69	3560	800	100/bag
BUz164-360	BUz166-360	0.63	16.0	14	360	0.02	0.40	3.9	100	3560	800	100/bag
BUz164-520	BUz166-520	0.63	16.0	20	520	0.02	0.40	5.9	151	3560	800	100/bag
BUz164-620	BUz166-680	0.63	16.0	24	620	0.02	0.40	7.2	183	3560	800	100/bag
BUz164-840	BUz166-840	0.63	16.0	33	840	0.02	0.40	10.0	253	3560	800	100/bag
BUz164-1000	BUz166-1000	0.63	16.0	39	1000	0.02	0.40	12.0	304	3560	800	100/bag



SPRING TYPE CABLE TIES

COATED



Technical information:

- Spring Types** : The unique spring form maintains greater installed tension on non-resilient objects
- Application** : Where tensions on solid object must be maintained
- Material** : A) 316 grade non-magnetic stainless steel
B) 304 grade non-magnetic stainless steel
- Temperature Range** : -60°C to +150°C
- Surface Finish** : Pure Polyester & Epoxy Coating
- Flamability Rating** : UL94 fireproof, Halogen free and UV-resistant

Ball Lock Spring Type - Coated - 4.6mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
BCz44-200	BCz46-200	0.18	4.6	8	200	0.01	0.25	2.0	50	445	100	100/bag
BCz44-260	BCz46-260	0.18	4.6	10	260	0.01	0.25	2.7	69	445	100	100/bag
BCz44-360	BCz46-360	0.18	4.6	14	360	0.01	0.25	3.9	100	445	100	100/bag
BCz44-520	BCz46-520	0.18	4.6	20	520	0.01	0.25	5.9	151	445	100	100/bag
BCz44-680	BCz46-680	0.18	4.6	27	680	0.01	0.25	7.2	183	445	100	100/bag
BCz44-840	BCz46-840	0.18	4.6	33	840	0.01	0.25	10.0	253	445	100	100/bag
BCz44-1000	BCz46-1000	0.18	4.6	39	1000	0.01	0.25	12.0	304	445	100	100/bag

Ball Lock Spring Type - Coated - 7.9mm width

BCz74-200	BCz76-200	0.31	7.9	8	200	0.01	0.25	2.0	50	1112	250	100/bag
BCz74-260	BCz76-260	0.31	7.9	10	260	0.01	0.25	2.7	69	1112	250	100/bag
BCz74-360	BCz76-360	0.31	7.9	14	360	0.01	0.25	3.9	100	1112	250	100/bag
BCz74-520	BCz76-520	0.31	7.9	20	520	0.01	0.25	5.9	151	1112	250	100/bag
BCz74-680	BCz76-680	0.31	7.9	27	680	0.01	0.25	7.2	183	1112	250	100/bag
BCz74-840	BCz76-840	0.31	7.9	33	840	0.01	0.25	10.0	253	1112	250	100/bag
BCz74-1000	BCz76-1000	0.31	7.9	39	1000	0.01	0.25	12.0	304	1112	250	100/bag

Ball Lock Spring Type - Coated - 12.7mm width

BCz124-100	BCz126-100	0.50	12.7	4	100	0.02	0.40	0.7	18	3115	700	100/bag
BCz124-150	BCz126-150	0.50	12.7	6	150	0.02	0.40	1.3	34	3115	700	100/bag
BCz124-200	BCz126-200	0.50	12.7	8	200	0.02	0.40	2.0	50	3115	700	100/bag
BCz124-260	BCz126-260	0.50	12.7	10	260	0.02	0.40	2.7	69	3115	700	100/bag
BCz124-360	BCz126-360	0.50	12.7	14	360	0.02	0.40	3.9	100	3115	700	100/bag
BCz124-520	BCz126-520	0.50	12.7	20	520	0.02	0.40	5.9	151	3115	700	100/bag
BCz124-620	BCz126-680	0.50	12.7	24	620	0.02	0.40	7.2	183	3115	700	100/bag
BCz124-840	BCz126-840	0.50	12.7	33	840	0.02	0.40	10.0	253	3115	700	100/bag
BCz124-1000	BCz126-1000	0.50	12.7	39	1000	0.02	0.40	12.0	304	3115	700	100/bag

Ball Lock Spring Type - Coated - 16.0mm width

BCz164-150	BCz166-150	0.63	16.0	6	150	0.02	0.40	1.3	34	3560	800	100/bag
BCz164-200	BCz166-200	0.63	16.0	8	200	0.02	0.40	2.0	50	3560	800	100/bag
BCz164-260	BCz166-260	0.63	16.0	10	260	0.02	0.40	2.7	69	3560	800	100/bag
BCz164-360	BCz166-360	0.63	16.0	14	360	0.02	0.40	3.9	100	3560	800	100/bag
BCz164-520	BCz166-520	0.63	16.0	20	520	0.02	0.40	5.9	151	3560	800	100/bag
BCz164-620	BCz166-680	0.63	16.0	24	620	0.02	0.40	7.2	183	3560	800	100/bag
BCz164-840	BCz166-840	0.63	16.0	33	840	0.02	0.40	10.0	253	3560	800	100/bag
BCz164-1000	BCz166-1000	0.63	16.0	39	1000	0.02	0.40	12.0	304	3560	800	100/bag

RELEASABLE CABLE TIES

UNCOATED / COATED



Technical information:

Releasable Cable Tie : Releasable Type Cable Tie can be used for multiple installations over long period of time

Material : A) 316 grade non-magnetic stainless steel
B) 304 grade non-magnetic stainless steel

Temperature Range : -60°C to +300°C

Surface Finish : Metallic

Flamability Rating : UL94 fireproof, Halogen free and UV-resistant

Releasable Cable Ties - Uncoated - 6.35mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
RU54-150	RU56-150	1/4	6.35	6	152	0.02	0.50	1.3	34	1334	300	100/bag
RU54-230	RU56-230	1/4	6.35	9	229	0.02	0.50	2.3	59	1334	300	100/bag
RU54-330	RU56-330	1/4	6.35	12	305	0.02	0.50	3.6	91	1334	300	100/bag
RU54-450	RU56-450	1/4	6.35	18	457	0.02	0.50	5.0	129	1334	300	100/bag
RU54-600	RU56-600	1/4	6.35	24	610	0.02	0.50	7.0	177	1334	300	100/bag
RU54-750	RU56-750	1/4	6.35	30	762	0.02	0.50	8.6	225	1334	300	100/bag
RU54-900	RU56-900	1/4	6.35	36	914	0.02	0.50	10.8	273	1334	300	100/bag

Releasable Type - Uncoated - 9.53mm width

RU104-150	RU106-150	3/8	9.53	6	152	0.02	0.50	1.3	34	1334	300	100/bag
RU104-230	RU106-230	3/8	9.53	9	229	0.02	0.50	2.3	59	1334	300	100/bag
RU104-330	RU106-330	3/8	9.53	12	305	0.02	0.50	3.6	91	1334	300	100/bag
RU104-450	RU106-450	3/8	9.53	18	457	0.02	0.50	5.0	129	1334	300	100/bag
RU104-600	RU106-600	3/8	9.53	24	610	0.02	0.50	7.0	177	1334	300	100/bag
RU104-750	RU106-750	3/8	9.53	30	762	0.02	0.50	8.6	225	1334	300	100/bag
RU104-900	RU106-900	3/8	9.53	36	914	0.02	0.50	10.8	273	1334	300	100/bag

Releasable Cable Ties - Coated - 6.35mm width

RC54-150	RC56-150	1/4	6.35	6	152	0.02	0.50	1.3	34	1334	300	100/bag
RC54-230	RC56-230	1/4	6.35	9	229	0.02	0.50	2.3	59	1334	300	100/bag
RC54-330	RC56-330	1/4	6.35	12	305	0.02	0.50	3.6	91	1334	300	100/bag
RC54-450	RC56-450	1/4	6.35	18	457	0.02	0.50	5.0	129	1334	300	100/bag
RC54-600	RC56-600	1/4	6.35	24	610	0.02	0.50	7.0	177	1334	300	100/bag
RC54-750	RC56-750	1/4	6.35	30	762	0.02	0.50	8.6	225	1334	300	100/bag
RC54-900	RC56-900	1/4	6.35	36	914	0.02	0.50	10.8	273	1334	300	100/bag

Releasable Type - Coated - 9.53mm width

RC104-150	RC106-150	3/8	9.53	6	152	0.02	0.50	1.3	34	1334	300	100/bag
RC104-230	RC106-230	3/8	9.53	9	229	0.02	0.50	2.3	59	1334	300	100/bag
RC104-330	RC106-330	3/8	9.53	12	305	0.02	0.50	3.6	91	1334	300	100/bag
RC104-450	RC106-450	3/8	9.53	18	457	0.02	0.50	5.0	129	1334	300	100/bag
RC104-600	RC106-600	3/8	9.53	24	610	0.02	0.50	7.0	177	1334	300	100/bag
RC104-750	RC106-750	3/8	9.53	30	762	0.02	0.50	8.6	225	1334	300	100/bag
RC104-900	RC106-900	3/8	9.53	36	914	0.02	0.50	10.8	273	1334	300	100/bag



RELEASABLE CABLE TIES

PPA COATED



Technical information:

Releasable Cable Tie : Releasable Type Cable Tie can be used for multiple installations over long period of time

Material : A) 316 grade non-magnetic stainless steel

Temperature Range : -60°C to +150°C

Surface Finish : PPA 571 Coating

Flamability Rating : UL94 fireproof, Halogen free and UV-resistant

Releasable Type - PPA Coated - 6.35mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
RCP66-152	SS316	1/4	6.35	6	152	0.035	0.9	1.3	34	1334	300	100/bag
RCP66-229	SS316	1/4	6.35	9	229	0.035	0.9	2.3	59	1334	300	100/bag
RCP66-305	SS316	1/4	6.35	12	305	0.035	0.9	3.6	91	1334	300	100/bag
RCP66-457	SS316	1/4	6.35	18	457	0.035	0.9	5.0	129	1334	300	100/bag
RCP66-610	SS316	1/4	6.35	24	610	0.035	0.9	7.0	177	1334	300	100/bag
RCP66-762	SS316	1/4	6.35	30	762	0.035	0.9	8.6	225	1334	300	100/bag
RCP66-914	SS316	1/4	6.35	36	914	0.035	0.9	10.8	273	1334	300	100/bag

Note: PPA 571 coating thickness is 0.4mm (0.016 Inch)

Releasable Type - PPA Coated - 9.53mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
RCP96-152	SS316	3/8	9.53	6	152	0.035	0.9	1.3	34	2000	450	100/bag
RCP96-229	SS316	3/8	9.53	9	229	0.035	0.9	2.3	59	2000	450	100/bag
RCP96-305	SS316	3/8	9.53	12	305	0.035	0.9	3.6	91	2000	450	100/bag
RCP96-457	SS316	3/8	9.53	18	457	0.035	0.9	5.0	129	2000	450	100/bag
RCP96-610	SS316	3/8	9.53	24	610	0.035	0.9	7.0	177	2000	450	100/bag
RCP96-762	SS316	3/8	9.53	30	762	0.035	0.9	8.6	225	2000	450	100/bag
RCP96-914	SS316	3/8	9.53	36	914	0.035	0.9	10.8	273	2000	450	100/bag

Note: PPA 571 coating thickness is 0.4mm (0.016 Inch)

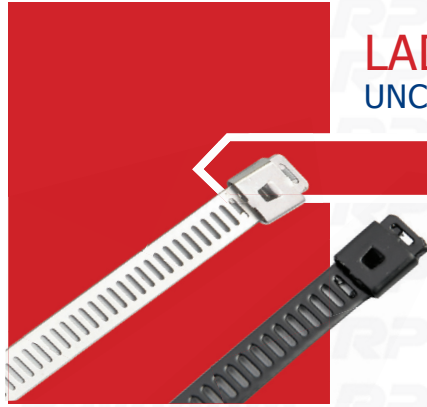
Features

PPA 571 is based on an alloy of acid modified polyolefinis.

- PPA 571 ES is a thermoplastic coating powder specially designed to provide a long lasting, tough coating for exterior application.
- Flexible upto - 60°C.
- Resistance to U.V Weather.
- (Elongation to break upto 800%)
- Excellent resistance to Salt, Sand, Acids, temperature variations & Chemicals
- Halogen Free, Flame retardant & Non-Toxic.
- Provides good abrasion and impact resistance.
- Smooth rounded edges.
- Water Absorption Free. (-60°C to 150°C).
- Base metal stainless steel AISI 316.

LADDER TYPE CABLE TIES

UNCOATED / COATED



Technical information:

Material	: A) 316 grade non-magnetic stainless steel B) 304 grade non-magnetic stainless steel
Temperature Range	: -60°C to +300°C (Uncoated) -60°C to +150°C (Coated)
Surface Finish	: Metallic (Uncoated) Pure Polyester Coating (Coated)
Flamability Rating	: UL94 fireproof, Halogen free and UV-resistant

Ladder Type - Uncoated - 7mm width

Part No. for Stainless Steel Grade		Width		Length		Thickness		Max Diameter Single Loop		Minimum Loop Tensile Strength		Package Quantity
SS304	SS316	In	mm	In	mm	In	mm	In	mm	N	lbs	
LU74-150	LU76-150	0.28	7.0	6	150	0.012	0.30	1.3	34	445	100	100/bag
LU74-200	LU76-200	0.28	7.0	8	200	0.012	0.30	2.0	50	445	100	100/bag
LU74-225	LU76-225	0.28	7.0	9	225	0.012	0.30	2.3	58	445	100	100/bag
LU74-250	LU76-250	0.28	7.0	10	250	0.012	0.30	2.6	66	445	100	100/bag
LU74-300	LU76-300	0.28	7.0	12	300	0.012	0.30	3.1	80	445	100	100/bag
LU74-360	LU76-360	0.28	7.0	14	360	0.012	0.30	3.9	99	445	100	100/bag
LU74-450	LU76-450	0.28	7.0	18	450	0.012	0.30	5.0	128	445	100	100/bag
LU74-600	LU76-600	0.28	7.0	24	600	0.012	0.30	6.9	176	445	100	100/bag
LU74-610	LU76-610	0.28	7.0	24	610	0.012	0.30	7.0	179	445	100	100/bag
LU74-750	LU76-750	0.28	7.0	30	750	0.012	0.30	8.8	224	445	100	100/bag
LU74-1000	LU76-1000	0.28	7.0	39	1000	0.012	0.30	11.9	303	445	100	100/bag

Ladder Type - Uncoated - 12mm width

LU124-150	LU126-150	0.47	12.0	6	150	0.012	0.30	1.3	34	1112	250	100/bag
LU124-200	LU126-200	0.47	12.0	8	200	0.012	0.30	2.0	50	1112	250	100/bag
LU124-225	LU126-225	0.47	12.0	9	225	0.012	0.30	2.3	58	1112	250	100/bag
LU124-250	LU126-250	0.47	12.0	10	250	0.012	0.30	2.6	66	1112	250	100/bag
LU124-300	LU126-300	0.47	12.0	12	300	0.012	0.30	3.1	80	1112	250	100/bag
LU124-360	LU126-360	0.47	12.0	14	360	0.012	0.30	3.9	99	1112	250	100/bag
LU124-450	LU126-450	0.47	12.0	18	450	0.012	0.30	5.0	128	1112	250	100/bag
LU124-600	LU126-600	0.47	12.0	24	600	0.012	0.30	6.9	176	1112	250	100/bag
LU124-610	LU126-610	0.47	12.0	24	610	0.012	0.30	7.0	179	1112	250	100/bag
LU124-750	LU126-750	0.47	12.0	30	750	0.012	0.30	8.8	224	1112	250	100/bag
LU124-1000	LU126-1000	0.47	12.0	39	1000	0.012	0.30	11.9	303	1112	250	100/bag

Ladder Type - Coated - 7mm width

LC74-150	LC76-150	0.28	7.0	6	150	0.012	0.30	1.3	34	445	100	100/bag
LC74-200	LC76-200	0.28	7.0	8	200	0.012	0.30	2.0	50	445	100	100/bag
LC74-225	LC76-225	0.28	7.0	9	225	0.012	0.30	2.3	58	445	100	100/bag
LC74-250	LC76-250	0.28	7.0	10	250	0.012	0.30	3.6	66	445	100	100/bag
LC74-300	LC76-300	0.28	7.0	12	300	0.012	0.30	3.1	80	445	100	100/bag
LC74-360	LC76-360	0.28	7.0	14	360	0.012	0.30	3.9	99	445	100	100/bag
LC74-450	LC76-450	0.28	7.0	18	450	0.012	0.30	5.0	128	445	100	100/bag
LC74-600	LC76-600	0.28	7.0	24	600	0.012	0.30	6.9	176	445	100	100/bag
LC74-610	LC76-610	0.28	7.0	24	610	0.012	0.30	7.0	179	445	100	100/bag
LC74-750	LC76-750	0.28	7.0	30	750	0.012	0.30	8.8	224	445	100	100/bag
LC74-1000	LC76-1000	0.28	7.0	39	1000	0.012	0.30	11.9	303	445	100	100/bag

Ladder Type - Coated - 12mm width

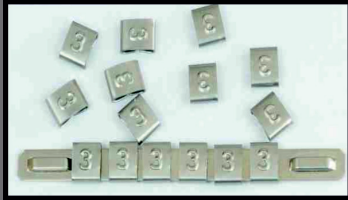
LC124-150	LC126-150	0.47	12.0	6	150	0.012	0.30	1.3	34	1112	250	100/bag
LC124-200	LC126-200	0.47	12.0	8	200	0.012	0.30	2.0	50	1112	250	100/bag
LC124-225	LC126-225	0.47	12.0	9	225	0.012	0.30	2.3	58	1112	250	100/bag
LC124-250	LC126-250	0.47	12.0	10	250	0.012	0.30	3.6	66	1112	250	100/bag
LC124-300	LC126-300	0.47	12.0	12	300	0.012	0.30	3.1	80	1112	250	100/bag
LC124-360	LC126-360	0.47	12.0	14	360	0.012	0.30	3.9	99	1112	250	100/bag
LC124-450	LC126-450	0.47	12.0	18	450	0.012	0.30	5.0	128	1112	250	100/bag
LC124-600	LC126-600	0.47	12.0	24	600	0.012	0.30	6.9	176	1112	250	100/bag
LC124-610	LC126-610	0.47	12.0	24	610	0.012	0.30	7.0	179	1112	250	100/bag
LC124-750	LC126-750	0.47	12.0	30	750	0.012	0.30	8.8	224	1112	250	100/bag
LC124-1000	LC126-1000	0.47	12.0	39	1000	0.012	0.30	11.9	303	1112	250	100/bag

2

IDENTIFICATION
SYSTEM

IDENTIFICATION SYSTEM

Carrier Strips



Marker Tags on Carrier Strips



Coated Carrier Strips



Uncoated Carrier Strips

Product Code		Material	Length		Width		Package Quantity	No. of Alphanumeric Characters
Uncoated	Coated		mm	Inch	mm	Inch		
ID6	IDC6	SS316	92.5	3 2/3	8	1/3	100/Box	7
ID10	IDC10	SS316	132.5	5 1/7	8	1/3	100/Box	12
ID12	IDC12	SS316	152.5	6	8	1/3	100/Box	14
ID16	IDC16	SS316	192.5	7 2/5	8	1/3	100/Box	19
ID22	IDC22	SS316	252.5	10	8	1/3	100/Box	26

Alphanumeric Characters



Marker Tags Installed on Power Cable

- 316 Stainless Steel.
 - Easy to read in dim light and inaccessible places.
 - Complete range of individual letters, numbers, and symbols.
 - CARRIERS are fastened with a variety of R-Loc cable ties.
 - Slide directly onto cable ties to create a self-contained wrap tag.
- CARRIER STRIPS are used to create your own carrier in multiple colors for identification.

Type	Range	Remark	Packaging
Alphabet	RTA to RTZ	All 26 alphabets available	100/bag
Numeric	RT 0 to RT 9	0 to 9 numbers available	100/bag
Special Characters	>> ± / & + - ~	Blank Tag Also available	100/bag

Note: For the product code of special character prefix RT before the character



Marker Tags with SS Cable Ties

3

**BANDS (STRAPS) AND
BUCKLES (CLIPS)**

BAND (STRAPS)

Packing Details

Option 1 : Easy to Use Plastic Dispenser



Option 2 : Strong Corrugated Box



Nomenclature

SPECIFICATIONS : STRAPS

RS U XX A - XX X C

	RS	U	XX	A	XX	X	C
R - Raychem Strap	✓						
Surface Condition							
C: Epoxy Coated							
U: Uncoated		✓					
P: PPA Coated							
VP: PVC Coated							
Width mm							
06 - 6.5							
09 - 9.5							
10 - 10.0							
12 - 12.7							
16 - 16.0							
19 - 19.0							
20 - 20.0							
25 - 25.4							
32 - 32.0							
Raw Material							
A : SS 430				✓			
E : SS 316					✓		
B : SS 201							
F : SS 304							
Roll Length mm							
10, 25, 30, 50, 61							
Thickness mm							
4 - 0.4							
7 - 0.7							
5 - 0.5							
7.5 - 0.75							
6 - 0.65							
11 - 1.1							
Packing							
C - Corrugated box							✓
P - Plastic Totes							



BAND (STRAPS)



Bands for Corrosive Atmospheric Application

- Superior corrosion resistance in corrosive industrial and marine atmospheres, salt water and chemical environments
- Packed in easy to use plastic tote dispensers, available in 4 colour codes based on band widths. Carton box packing also available
- Application Tools : RR-T03, RR-B04

Part No. for Stainless Steel Grade		Width		Thickness		Finished Length		Avg. Breaking Strength				Package Quantity	Type of Packaging
SS316	SS304	In	mm	In	mm	Feet	Mtrs	SS316		SS304			
								N	lbs	N	lbs		
RSU06E305C	RSU06F305C	1/4	6.5	0.020	0.5	100	30.5	1780	400	1669	375	100'/roll	Corrugate
RSU06E305T	RSU06F305T	1/4	6.5	0.020	0.5	100	30.5	1780	400	1669	375	100'/roll	Red Tote
RSU09E306-5C	RSU09F306-5C	3/8	9.5	0.026	0.65	100	30.5	3338	750	3115	700	100'/roll	Corrugate
RSU09E306-5T	RSU09F306-5T	3/8	9.5	0.026	0.65	100	30.5	3338	750	3115	700	100'/roll	Red Tote
RSU12E307-5C	RSU12F307-5C	1/2	12.7	0.030	0.75	100	30.5	5340	1200	4895	1100	100'/roll	Corrugate
RSU12E307-5T	RSU12F307-5T	1/2	12.7	0.030	0.75	100	30.5	5340	1200	4895	1100	100'/roll	Yellow Tote
RSU16E307-5C	RSU16F307-5C	5/8	16.0	0.030	0.75	100	30.5	6675	1500	6230	1400	100'/roll	Corrugate
RSU16E307-5T	RSU16F307-5T	5/8	16.0	0.030	0.75	100	30.5	6675	1500	6230	1400	100'/roll	Grey Tote
RSU19E307-5C	RSU19F307-5C	3/4	19.0	0.030	0.75	100	30.5	8010	1800	7365	1700	100'/roll	Corrugate
RSU19E307-5T	RSU19F307-5T	3/4	19.0	0.030	0.75	100	30.5	8010	1800	7365	1700	100'/roll	Blue Tote

Note: Finished length of 200 feet/61.0 mtrs is also available in corrugated box

Regular Bands High Tensile Application

Part No.	Material	Width		Thickness		Finished Length		Avg. Breaking Strength		Package Quantity	Type of Packaging
		In	mm	In	mm	Feet	Mtrs	N	lbs		
RSU06B305C	SS201	1/4	6.5	0.020	0.5	100	30.5	2225	500	100'/roll	Corrugate
RSU06B305T	SS201	1/4	6.5	0.020	0.5	100	30.5	2225	500	100'/roll	Red Tote
RSU09B306-5C	SS201	3/8	9.5	0.026	0.65	100	30.5	4005	900	100'/roll	Corrugate
RSU09B306-5T	SS201	3/8	9.5	0.026	0.65	100	30.5	4005	900	100'/roll	Red Tote
RSU12B307-5C	SS201	1/2	12.7	0.030	0.75	100	30.5	6675	1500	100'/roll	Corrugate
RSU12B307-5T	SS201	1/2	12.7	0.030	0.75	100	30.5	6675	1500	100'/roll	Yellow Tote
RSU16B307-5C	SS201	5/8	16.0	0.030	0.75	100	30.5	8344	1875	100'/roll	Corrugate
RSU16B307-5T	SS201	5/8	16.0	0.030	0.75	100	30.5	8344	1875	100'/roll	Grey Tote
RSU19B307-5C	SS201	3/4	19.0	0.030	0.75	100x	30.5	10013	2250	100'/roll	Corrugate
RSU19B307-5T	SS201	3/4	19.0	0.030	0.75	100	30.5	10013	2250	100'/roll	Blue Tote

Note: Finished length of 200 feet/61.0 mtrs is also available in corrugated box

Regular Bands - Economical Value Application

RSU06A305C	SS430	1/4	6.5	0.020	0.5	100	30.5	1669	375	100'/roll	Corrugate
RSU06A305T	SS430	1/4	6.5	0.020	0.5	100	30.5	1669	375	100'/roll	Red Tote
RSU09A306-5C	SS430	3/8	9.5	0.026	0.65	100	30.5	3115	700	100'/roll	Corrugate
RSU09A306-5T	SS430	3/8	9.5	0.026	0.65	100	30.5	3115	700	100'/roll	Red Tote
RSU12A307-5C	SS430	1/2	12.7	0.030	0.75	100	30.5	4895	1100	100'/roll	Corrugate
RSU12A307-5T	SS430	1/2	12.7	0.030	0.75	100	30.5	4895	1100	100'/roll	Yellow Tote
RSU16A307-5C	SS430	5/8	16.0	0.030	0.75	100	30.5	6230	1400	100'/roll	Corrugate
RSU16A307-5T	SS430	5/8	16.0	0.030	0.75	100	30.5	6230	1400	100'/roll	Grey Tote
RSU19A307-5C	SS430	3/4	19.0	0.030	0.75	100	30.5	7565	1700	100'/roll	Corrugate
RSU19A307-5T	SS430	3/4	19.0	0.030	0.75	100	30.5	7565	1700	100'/roll	Blue Tote

Note: Finished length of 200 feet/61.0 mtrs is also available in corrugated box

BAND (STRAPS)



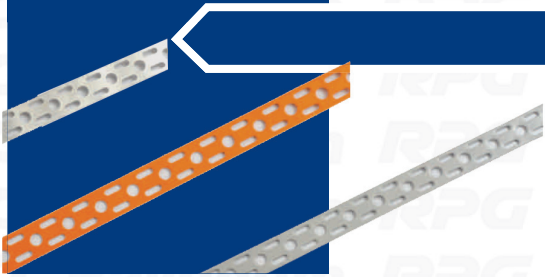
Utility Bands



- Specially packed for industrial and utilities requirement
- Bands available in all grades of stainless steel
- Packed in plastic dispensers and Cartons Boxes
- Application Tools: RR-T03, RR-B04

Part No.	Material	Width		Thickness		Finished Length		Avg. Breaking Strength		Package Quantity
		In	mm	In	mm	Feet	Mtrs	N	lbs	
RSU10B304	SS201	2/5	10.00	0.016	0.40	98.5	30.0	3560	800	30 mtr / Roll
RSU10B504	SS201	2/5	10.00	0.016	0.40	164	50.0	3560	800	50 mtr / Roll
RSU10B307	SS201	2/5	10.00	0.028	0.70	98.5	30.0	5340	1200	30 mtr / Roll
RSU10B507	SS201	2/5	10.00	0.028	0.70	164	50.0	5340	1200	50 mtr / Roll
RSU20B304	SS201	4/5	20.00	0.016	0.40	98.5	30.0	6675	1500	30 mtr / Roll
RSU20B504	SS201	4/5	20.00	0.016	0.40	164	50.0	6675	1500	50 mtr / Roll
RSU20B307	SS201	4/5	20.00	0.028	0.70	98.5	30.0	10235	2300	30 mtr / Roll
RSU20B507	SS201	4/5	20.00	0.028	0.70	164	50.0	10235	2300	50 mtr / Roll
RSU10F304	SS304	2/5	10.00	0.016	0.40	98.5	30.0	2114	475	30 mtr / Roll
RSU10F504	SS304	2/5	10.00	0.016	0.40	164	50.0	2114	475	50 mtr / Roll
RSU10F307	SS304	2/5	10.00	0.028	0.70	98.5	30.0	3338	750	30 mtr / Roll
RSU10F507	SS304	2/5	10.00	0.028	0.70	164	50.0	3338	750	50 mtr / Roll
RSU20F304	SS304	4/5	20.00	0.016	0.40	98.5	30.0	4450	1000	30 mtr / Roll
RSU20F504	SS304	4/5	20.00	0.016	0.40	164	50.0	4450	1000	50 mtr / Roll
RSU20F307	SS304	4/5	20.00	0.028	0.70	98.5	30.0	6675	1500	30 mtr / Roll
RSU20F507	SS304	4/5	20.00	0.028	0.70	164	50.0	6675	1500	50 mtr / Roll
RSU10E304	SS316	2/5	10.00	0.016	0.40	98.5	30.0	2225	500	30 mtr / Roll
RSU10E504	SS316	2/5	10.00	0.016	0.40	164	50.0	2225	500	50 mtr / Roll
RSU10E307	SS316	2/5	10.00	0.028	0.70	98.5	30.0	4005	900	30 mtr / Roll
RSU10E507	SS316	2/5	10.00	0.028	0.70	164	50.0	4005	900	50 mtr / Roll
RSU20E304	SS316	4/5	20.00	0.016	0.40	98.5	30.0	5340	1200	30 mtr / Roll
RSU20E504	SS316	4/5	20.00	0.016	0.40	164	50.0	5340	1200	50 mtr / Roll
RSU20E307	SS316	4/5	20.00	0.028	0.70	98.5	30.0	8010	1800	30 mtr / Roll
RSU20E507	SS316	4/5	20.00	0.028	0.70	164	50.0	8010	1800	50 mtr / Roll
RSU10A304	SS430	2/5	10.00	0.016	0.40	98.5	30.0	2114	475	30 mtr / Roll
RSU10A504	SS430	2/5	10.00	0.016	0.40	164	50.0	2114	475	50 mtr / Roll
RSU10A307	SS430	2/5	10.00	0.028	0.70	98.5	30.0	3338	750	30 mtr / Roll
RSU10A507	SS430	2/5	10.00	0.028	0.70	164	50.0	3338	750	50 mtr / Roll
RSU20A304	SS430	4/5	20.00	0.016	0.40	98.5	30.0	4450	1000	30 mtr / Roll
RSU20A504	SS430	4/5	20.00	0.016	0.40	164	50.0	4450	1000	50 mtr / Roll
RSU20A307	SS430	4/5	20.00	0.028	0.70	98.5	30.0	6675	1500	30 mtr / Roll
RSU20A507	SS430	4/5	20.00	0.028	0.70	164	50.0	6675	1500	50 mtr / Roll

BAND (STRAPS)



Aluminium Perforated Strip

- Easy to install Aluminium Perforated Band for light duty applications
- Perforated band with evenly spaced holes & slots enables fastening with nut & bolt, screw or cable tie
- Uncoated & Polyester colour coated bands available

Part No.	Material	Coating Colour	Width		Thickness		Diameter of Hole		Finished Length		Package Quantity
			In	mm	In	mm	In	mm	Feet	Mtrs	
RSAB19AI-10-O	Aluminium	Orange	0.75	19	0.047	1.2	0.28	7	33	10	331'/roll
RSAB19AI-25-O	Aluminium	Orange	0.75	19	0.047	1.2	0.28	7	82.5	25	82.5'/roll
RSAB19AI-10-G	Aluminium	Grey	0.75	19	0.047	1.2	0.28	7	33	10	33'/roll
RSAB19AI-25-G	Aluminium	Grey	0.75	19	0.047	1.2	0.28	7	82.5	25	82.5'/roll



Heavy Duty Bands

- Bands for heavy duty industrial applications
- Bands available in all gardens of stainless steel
- Packing in carton boxes

Part No.	Material	Width		Thickness		Finished Length		Avg. Breaking Strength		Package Quantity
		In	mm	In	mm	Feet	Mtrs	N	lbs	
RSU19B3011	SS201	3/4	19.00	0.04	1.10	100	30.5	14685	3300	100'/roll
RSU25B3011	SS201	1	25.00	0.04	1.10	100	30.5	19580	4400	100'/roll
RSU32B3011	SS201	1 1/4	32.00	0.04	1.10	100	30.5	24475	5500	100'/roll
RSU19F3011	SS304	3/4	19.00	0.04	1.10	100	30.5	11570	2600	100'/roll
RSU25F3011	SS304	1	25.00	0.04	1.10	100	30.5	15575	3500	100'/roll
RSU32F3011	SS304	1 1/4	32.00	0.04	1.10	100	30.5	19580	4400	100'/roll
RSU19E3011	SS316	3/4	19.00	0.04	1.10	100	30.5	12015	2700	100'/roll
RSU25E3011	SS316	1	25.00	0.04	1.10	100	30.5	16020	3600	100'/roll
RSU32E3011	SS316	1 1/4	32.00	0.04	1.10	100	30.5	20025	4500	100'/roll
RSU19A3011	SS430	3/4	19.00	0.04	1.10	100	30.5	11570	2600	100'/roll
RSU25A3011	SS430	1	25.00	0.04	1.10	100	30.5	15575	3500	100'/roll
RSU32A3011	SS430	1 1/4	32.00	0.04	1.10	100	30.5	19580	4400	100'/roll

BAND (STRAPS)



PVC Coated Bands

- PVC or Polyvinyl chloride, a thermoplastic polymer has excellent chemical and mechanical properties making it a very effective medium of coating on SS 316.
- Suitable Buckles/Clips and Tools are also supplied as a total solution.

Part No.	Material	Width		Thickness		Finished Length		Avg. Breaking Strength		Package Quantity
		In	mm	In	mm	Feet	Mtrs	N	Lbs	
RSVP12E254	SS315	1/2	12.70	0.04	1.10	66	20	2980	670	66'/roll
RSVP12E254	SS315	5/8	16.00	0.04	1.10	66	20	3740	840	66'/roll
RSVP12E254	SS316	1/2	12.70	0.04	1.10	66	20	2980	670	66'/roll
RSVP16E254	SS316	5/8	16.00	0.04	1.10	66	20	3740	840	66'/roll

PPA 571 Coated Bands for Highly Corrosive Applications

- PPA 571 (Performance Polymer Alloy Coating)
- PPA 571 is a thermoplastic coating powder specifically designed to provide a long lasting, tough coating for exterior applications to mild steel, Stainless steel and Aluminium
- PPA 571 is based on an alloy of acid modified Polyolefins. Therefore it is halogen free and the combustion byproducts are low in smoke and have a low toxicity index
- Resistant to adverse weather conditions, detergents, salt spray and typical airborne pollutants. The material provides excellent resistance to stress cracking on bending, good abrasion and impact resistance
- Coating maintains excellent adhesion to the metal substrate without the need for a separate primer.
- Application : Chemical, Petrochemical, Subsea and Mining Industries
- Application tool : RR - B04

Part No. for Stainless Steel Grade		Width		Thickness		Finished Length		Avg. Breaking Strength		Package Quantity	Type of Packaging
SS304	SS316	In	mm	In	mm	Feet	Mtrs	N	Lbs		
RSP06F254C	RSP06E254C	1/4	6.50	0.04	1.10	82.5	25	1490	335	82.5'/roll	Corrugated
RSP06F254T	RSP06E254T	1/4	6.50	0.04	1.10	82.5	25	1490	335	82.5'/roll	Red Tote
RSP09F254C	RSP09E254C	3/8	9.50	0.04	1.10	82.5	25	2250	505	82.5'/roll	Corrugated
RSP09F254T	RSP09E254T	3/8	9.50	0.04	1.10	82.5	25	2250	505	82.5'/roll	Red Tote
RSP12F254C	RSP12E254C	1/2	12.70	0.04	1.10	82.5	25	2980	670	82.5'/roll	Corrugated
RSP12F254T	RSP12E254T	1/2	12.70	0.04	1.10	82.5	25	2980	670	82.5'/roll	Yellow Tote
RSP16F254C	RSP16E254C	5/8	16.00	0.04	1.10	82.5	25	3740	840	82.5'/roll	Corrugated
RSP16F254T	RSP16E254T	5/8	16.00	0.04	1.10	82.5	25	3740	840	82.5'/roll	Grey Tote
RSP19F254C	RSP19E254C	3/4	19.00	0.04	1.10	82.5	25	4450	1000	82.5'/roll	Corrugated
RSP19F254T	RSP19E254T	3/4	19.00	0.04	1.10	82.5	25	4450	1000	82.5'/roll	Blue Tote

Properties of PPA and PVC Coating

- Excellent chemical resistance
- Low Moisture Absorption
- Good dimensional stability
- Self extinguishing
- Excellent Bonding strength

Benefits of PPA and PVC Coating

- Corrosion Resistance in Harsh Offshore environments
- Excellent for Marine Application
- Better Cable Bunding through Superior Tensile Strengths
- Unmatched Safety in Oil & Gas carriers and off shore rigs
- Ensures lasting protection from inter metallic corrosion and safeguards the bare metal.



BAND (STRAPS)



All Purpose Bands

- Perforated band with evenly spaced holes enables fastening with nut & bolt, screw or cable tie
- Uncoated & PPA 571 halogen free coating available



All Purpose PPA 571 Coated Bands

Part No. for Stainless Steel Grade			Width		Thickness		Diameter of Hole		Finished Length		Package Quantity
SS316	SS304	GCS	In	mm	In	mm	In	mm	Feet	Mtrs	
RSAP12E037-5	RSAP12F037-5	RSAP12G037-5	1/2	12.70	0.04	1.10	3/16	5.00	9.9	3	
RSAP12E107-5	RSAP12F107-5	RSAP12G107-5	1/2	12.70	0.04	1.10	3/16	5.00	33	10	33'/roll
RSAP12E107-5	RSAP12F257-5	RSAP12G257-5	1/2	12.70	0.04	1.10	3/16	5.00	82.5	25	82.5'/roll
RSAP19E107-5	RSAP19F107-5	RSAP19G107-5	3/4	19.00	0.04	1.10	9/32	7.00	9.9	3	9.9'/roll
RSAP19E107-5	RSAP19F107-5	RSAP19G107-5	3/4	19.00	0.04	1.10	9/32	7.00	33	10	33'/roll
RSAP19E107-5	RSAP19F257-5	RSAP19G257-5	3/4	19.00	0.04	1.10	9/32	7.00	82.5	25	82.5'/roll



All Purpose Uncoated Bands

Part No. for Stainless Steel Grade			Width		Thickness		Diameter of Hole		Finished Length		Package Quantity
SS316	SS304	GCS	In	mm	In	mm	In	mm	Feet	Mtrs	
RSAU12E037-5	RSAU12F107-5	RSAU12G037-5	1/2	12.70	0.03	0.75	3/16	5.00	9.9	3	
RSAU12E107-5	RSAU12F107-5	RSAU12G107-5	1/2	12.70	0.03	0.75	3/16	5.00	33	10	33'/roll
RSAU12E257-5	RSAU12F257-5	RSAU12G257-5	1/2	12.70	0.03	0.75	3/16	5.00	82.5	25	82.5'/roll
RSAU19E107-5	RSAU19F107-5	RSAU19G107-5	3/4	19.00	0.03	0.75	9/32	7.00	9.9	3	9.9'/roll
RSAU19E107-5	RSAU19F107-5	RSAU19G107-5	3/4	19.00	0.03	0.75	9/32	7.00	33	10	33'/roll
RSAU19E257-5	RSAU19F257-5	RSAU19G257-5	3/4	19.00	0.03	0.75	9/32	7.00	82.5	25	82.5'/roll

PRE-CUT BAND AND BUCKLES



Pre-cut Assembled Straps

- Ready to use pre-cut band, assembled with buckles. Jaw or Wing type.
- Time saving & cost effective solution for large projects.
- Standard length & loop diameters available allowing fast installation and less scrap material.
- Available in high tensile SS201 & corrosion resistance SS 316 as standard range. SS304 & SS430 can be offered on request.
- Available coating will be in Epoxy / Pure Polyester.

Jaw Type - Precut Strap

Part No.	Material	Width*		Thickness		Finished Length		Maximum Diameter				Package Quantity
		In	mm	In	mm	In	mm	Single Wrap		Double Wrap		
								In	cm	In	cm	
PJ12A207	SS201	1/2	12.7	0.030	0.76	20	51	4	102	2	51	25/box
PJ12A247	SS201	1/2	12.7	0.030	0.76	24	61	5	127	2 1/2	64	25/box
PJ12A277	SS201	1/2	12.7	0.030	0.76	27	69	6	152	3	76	25/box
PJ12A347	SS201	1/2	12.7	0.030	0.76	34	86	8	203	4	102	25/box
PJ12A417	SS201	1/2	12.7	0.030	0.76	41	104	10	254	5	127	25/box
PJ12A487	SS201	1/2	12.7	0.030	0.76	48	122	12	305	6	152	25/box
PJ12A557	SS201	1/2	12.7	0.030	0.76	55	140	14	356	7	178	25/box
PJ12A697	SS201	1/2	12.7	0.030	0.76	69	175	18	457	9	229	25/box
PJ12A767	SS201	1/2	12.7	0.030	0.76	76	193	20	508	10	254	25/box
PJ12A907	SS201	3/4	12.7	0.030	0.76	90	229	24	610	12	305	25/box
PJ19A207	SS201	3/4	19	0.030	0.76	20	51	4	102	2	51	25/box
PJ19A247	SS201	3/4	19	0.030	0.76	24	61	5	127	2 1/2	64	25/box
PJ19A277	SS201	3/4	19	0.030	0.76	27	69	6	152	3	76	25/box
PJ19A347	SS201	3/4	19	0.030	0.76	34	86	8	203	4	102	25/box
PJ19A417	SS201	3/4	19	0.030	0.76	41	104	10	254	5	127	25/box
PJ19A487	SS201	3/4	19	0.030	0.76	48	122	12	305	6	152	25/box
PJ19A557	SS201	3/4	19	0.030	0.76	55	140	14	356	7	178	25/box
PJ19A697	SS201	3/4	19	0.030	0.76	69	175	18	457	9	229	25/box
PJ19A767	SS201	3/4	19	0.030	0.76	76	193	20	508	10	254	25/box
PJ19A907	SS201	3/4	19	0.030	0.76	90	229	24	610	12	305	25/box

* Jaw type Precut straps also available in 9.5mm and 16mm widths on request

Wing Type - Precut Strap

PW06A105	SS201	1/4	6.5	0.020	0.5	10	25	2	50	Not Suggested	50/box	
PW0TA165	SS201	1/4	6.5	0.020	0.5	16	40	3 1/2	88	11/2	38	50/box
PW06A195	SS201	1/4	6.5	0.020	0.5	19	48	5	127	2 1/2	63	50/box
PW06A265	SS201	1/4	6.5	0.020	0.5	26	68	7	177	3 1/2	88	50/box
PW06A345	SS201	1/4	6.5	0.020	0.5	34	86	9	228	4 1/2	114	50/box
PW009A166	SS201	3/8	9.5	0.026	0.65	16	40	3 1/2	88	11/2	38	50/box
PW09A446	SS201	3/8	9.5	0.026	0.65	44	112	12	305	6	152	50/box
PW12A187	SS201	1/2	12.7	0.030	0.76	18	45	4	102	2	50	50/box
PW12A317	SS201	1/2	12.7	0.030	0.76	31	78	8	203	4	101	50/box
PW16A217	SS201	5/8	16	0.030	0.76	21	53	5	127	2 1/2	63	50/box
PW16A567	SS201	5/8	16	0.030	0.76	56	142	16	406	8	203	50/box
PW16A697	SS201	5/8	16	0.030	0.76	69	508	20	508	10	175	50/box
PW19A247	SS201	3/4	19	0.030	0.76	24	60	6	152	3	76	50/box
PW19A377	SS201	3/4	19	0.030	0.76	37	93	10	254	5	127	50/box
PW19A507	SS201	3/4	19	0.030	0.76	50	127	14	355	7	177	50/box
PW19A627	SS201	3/4	19	0.030	0.76	62	157	18	457	9	228	50/box

BUCKLES (CLIPS)

Buckle - Jaw Type



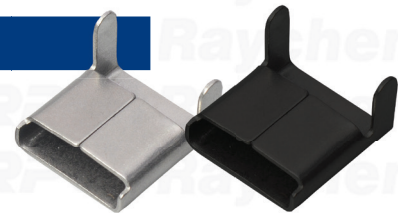
Uncoated Buckles

Part No. for Stainless Steel Grade			Width		Package
SS201	SS304	SS316	In	mm	Quantity
RCU06BJ	RCU06FJ	RCU06EJ	1/4	6.5	100/box
RCU09BJ	RCU09FJ	RCU09EJ	3/8	9.5	100/box
RCU10BJ	RCU10FJ	RCU10EJ	2/5	10	100/box
RCU12BJ	RCU12FJ	RCU12EJ	1/2	12.7	100/box
RCU16BJ	RCU16FJ	RCU16EJ	5/8	16	100/box
RCU19BJ	RCU19FJ	RCU19EJ	3/4	19	100/box
RCU20BJ	RCU20FJ	RCU20EJ	4/5	20	100/box
RCU25BJ	RCU25FJ	RCU25EJ	1/1	25	100/box
RCU32BJ	RCU32FJ	RCU32EJ	1 1/4	32	100/box

Coated Buckles

Part No. for Stainless Steel Grade			Width		Package
SS201	SS304	SS316	In	mm	Quantity
RCC06BJ	RCC06FJ	RCC06EJ	1/4	6.5	100/box
RCC09BJ	RCC09FJ	RCC09EJ	3/8	9.5	100/box
RCC10BJ	RCC10FJ	RCC10EJ	2/5	10	100/box
RCC12BJ	RCC12FJ	RCC12EJ	1/2	12.7	100/box
RCC16BJ	RCC16FJ	RCC16EJ	5/8	16	100/box
RCC19BJ	RCC19FJ	RCC19EJ	3/4	19	100/box
RCC20BJ	RCC20FJ	RCC20EJ	4/5	20	100/box
RCC25BJ	RCC25FJ	RCC25EJ	1/1	25	100/box
RCC32BJ	RCC32FJ	RCC32EJ	1 1/4	32	100/box

Buckle - Wing Type



Uncoated Buckles

Part No. for Stainless Steel Grade			Width		Package
SS201	SS304	SS316	In	mm	Quantity
RCU06BW	RCU06FW	RCU06EW	1-4	6.5	100/box
RCU09BW	RCU09FW	RCU09EW	3-8	9.5	100/box
RCU10BW	RCU10FW	RCU10EW	2-5	10	100/box
RCU12BW	RCU12FW	RCU12EW	1-2	12.7	100/box
RCU16BW	RCU16FW	RCU16EW	5-8	16	100/box
RCU19BW	RCU19FW	RCU19EW	3-4	19	100/box
RCU20BW	RCU20FW	RCU20EW	4-5	20	100/box

Coated Buckles

Part No. for Stainless Steel Grade			Width		Package
SS201	SS304	SS316	In	mm	Quantity
RCC06BW	RCC06FW	RCC06EW	1/4	6.5	100/box
RCC09BW	RCC09FW	RCC09EW	3/8	9.5	100/box
RCC10BW	RCC10FW	RCC10EW	2/5	10	100/box
RCC12BW	RCC12FW	RCC12EW	1/2	12.7	100/box
RCC16BW	RCC16FW	RCC16EW	5/8	16	100/box
RCC19BW	RCC19FW	RCC19EW	3/4	19	100/box
RCC20BW	RCC20FW	RCC20EW	4/5	20	100/box

Buckle - Screw Type

Uncoated Buckles








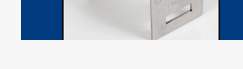


Part No. for Stainless Steel Grade			Width		Package
SS201	SS304	SS316	In	mm	Quantity
RCU06BS	RCU06FS	RCU06ES	1-4	6.5	100/box
RCU09BS	RCU09FS	RCU09ES	3-8	9.5	100/box
RCU10BS	RCU10FS	RCU10ES	2-5	10	100/box
RCU12BS	RCU12FS	RCU12ES	1-2	12.7	100/box
RCU16BS	RCU16FS	RCU16ES	5-8	16	100/box
RCU19BS	RCU19FS	RCU19ES	3-4	19	100/box
RCU20BS	RCU20FS	RCU20ES	4-5	20	100/box



SIGN MOUNTING BRACKETS



- Sign Mounts are used to mount traffic signs, junction boxes, enclosures and various other objects
- Withstands stress & vibrations as mounts are made from high tensile SS steel.
- Bolts are specially made from corrosion resistant SS304 grade and standard size.
- Metal & fibre washer provided to absorb vibrations and better clamping.

Product Code	Description	Material Grade	Slot Size		Leg Type	Package Quantity	Image
			mm	Inch			
Mini Single Bolt Bracket							
RM12MS	Straight Leg Mini Bracket SS201, 1/2" slot only	SS201	12.7	1/2	Straight	50/box	
RM12MSA	Straight Leg Mini Bracket SS201, 1/2" slot with SS Bolt and Washer	SS201	12.7	1/2	Straight	50/box	
RM12MF	Flared Leg Mini Bracket SS201, 1/2" slot only.	SS201	12.7	1/2	Flared	50/box	
RM12MFA	Flared Leg Mini Bracket SS201, 1/2" slot with SS Bolt and Washer	SS201	12.7	1/2	Flared	50/box	
Regular Single Bolt Bracket							
RM19SS	Straight Leg Single Bolt Bracket SS201, 3/4" slot only	SS201	19	1/2	Straight	50/box	
RM19SSA	Straight Leg Single Bolt Bracket SS201, 3/4" slot with SS Bolt and Washer	SS201	19	1/2	Straight	50/box	
RM19SF	Flared Leg Single Bolt Bracket SS201, 3/4" slot only	SS201	19	1/2	Flares	50/box	
RM19SFA	Flared Leg Single Bolt Bracket SS201, 3/4" slot with SS Bolt and Washer	SS201	19	1/2	Flared	50/box	
Two Bolt Bracket							
RM19TS	Straight Leg Two Bolt Bracket SS201, 3/4" slot only	SS201	19	1/2	Straight	50/box	
RM19TSA	Straight Leg Two Bolt Bracket SS201, 3/4" slot with SS Bolt and Washer	SS201	19	1/2	Straight	50/box	

TOOLS

RR-G01 Cable Tie Automatic Gun



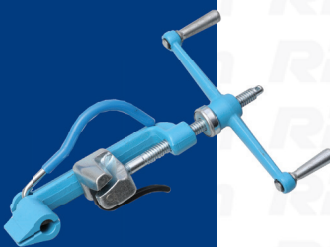
- Easy to install automatic gun, with single hand operation.
- Cable tie side entry for immediate positioning of tie & tool.
- Controlled tension & fully adjustable to achieve desired tension.
- Easy and automatic removal of excess tie length with auto cut-off.
- Applicable for 4.6 & 7.9mm Ball Lock Cable Ties

RR-PO2 Cable Tensioning Plier



- Hand operated tool with installer controlled tension and cut-off.
- Cable tie side entry for immediate positioning of tie & tool.
- Easy removal of excess tie length. Lever actuated cut-off.
- Rugged, lightweight, easy to operate Plier type tool provides mechanical advantage.

RR-TO3 Band and Buckle Crimping Tool



- Band & Buckle Crimping tool features a spring-loaded gripper lever for more efficient strap handling.
- Cut-off handle is vinyl coated for easier operation.
- Standard Blue coating finish provides superior corrosion resistance and enhances life.
- Applicable for Uncoated bands – up to 20mm width & thickness 1.2mm

Other Tools Available

RR-B04 (Bantam Tool)

(Applicable for Cable Ties & Bands & Buckles)

All sizes - Cable Ties & Coated band 20mm & thickness 1.2mm

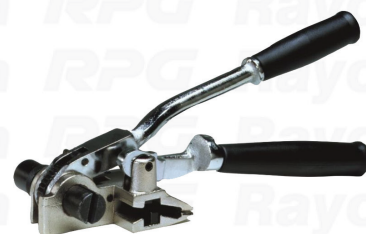


(Applicable for Cable Ties & Bands & Buckles)

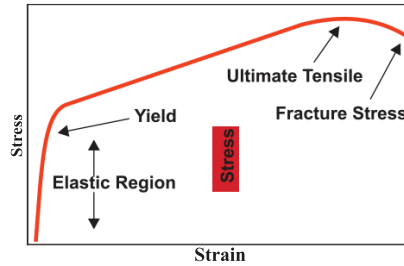


RR-R06 (Ratchet Tool)

(Applicable for Bands & Buckles only)



STRESS - STRAIN CURVE FOR TYPICAL TENSILE TEST



AISI Type Number	SS 430	SS 201	SS 304	SS 316	
UNS	S4300	S20100	S30400	S31600	
BS	430S17	301S21	304S31	316S31	
Specification -Equivalents	Euronorm	W. No. 1.4016	W. No. 1.4310	W. No. 1.4301	W. No. 1.4401
	Name: X8 Cr17	Name: X10CrNi18-8	Name: X5CrNi18-10	Name: X5CrNiMo17-12-2	
Swedish	SS2320	SS2331	SS2332	SS2347	
JIS	SUS430	SUS201	SUS304	SUS316	
Carbon - % C	0.12 Max	0.15 Max	0.07 Max	0.08 Max	
Manganese - % Mn	1.00 Max	5.5 - 7.5	2.00 Max	2.00 Max	
Phosphorous - % P	0.04 Max	0.06 Max	0.045 Max	0.045 Max	
Silicon - % Si	1.00 Max	1.00 Max	0.75 Max	0.75 Max	
Composition	Sulphur - S	0.03 Max	0.03 Max	0.03 Max	0.03 Max
	Chromium - % Cr	16.00 - 18.00	16.00 - 18.00	17.50 - 19.50	16.0 - 18.0
	Nickel - % Ni	0.75 Min	3.50 - 5.50	8.0 - 10.50	10.0 - 14.0
	Nitrogen - % N		0.25 Max	0.10 Max	0.10 Max
	Molybdenum - % Mo				2.00 - 3.00

Physical Properties

Molecular Structure	Ferritic	Austentic	Austentic	Austentic	
Density (Kilogram per Cubic Centimetre)	7750	7800	8000	8000	
Modulus of elasticity (Giga Pascal)	200	197	193	193	
Mean Coefficient of Thermal Expansion	0 - 100 Degree Celcius	10.4	15.7	17.2	15.9
	0 - 315 Degree Celcius	11	17.5	17.8	16.2
	0 - 538 Degree Celcius	11.4	18.4	18.4	17.5

Electrical Properties

Magnesium	Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic
Electrical Resistivity (NanoOhm Metre)	600	690	720	740

Mechanical Properties

Ultimate Tensile Strength (Min)	Mega Pascal (Mpa)	450	515	515	515
Yield Strength (Min)	Mega Pascal (Mpa)	205	260	205	205
Elongation (% min)	In 50 mm	22	40	40	40
Hardness, Max	Rockwell B	183	217	201	217
	Brinell	89	95	92	95

Corrosive Properties

Moderate Environments	Good Resistance	Good Resistance	Very Good Resistance	Excellent Resistance
Marine & Offshore Environments	Poor Resistance	Fair Resistance	Good Resistance	Very Good Resistance
Oxidising Environments	Fair Resistance	Fair Resistance	Fair Resistance	Very Good Resistance
Reducing Environments	Not recommended for use	Not Recommended for use	Not Recommended for use	Good Resistance

Applications	Economic Bands & Buckles	Extra strong Bands & Buckles for construction and automotive	Bands & Buckles, Economical Cable Ties, Outdoor and harsher areas like Chemical plants, Food and Dairy industry	Cable ties, bands & buckles, Marking systems. Best in Class for all Harsh environments like Marine & Offshore applications.
--------------	--------------------------	--	---	---

QUALITY SYSTEMS & TYPE APPROVALS



“R-Loc” Raychem RPG Clamping products have Underwriters Laboratories Listing on the products indicated.



“R-Loc” Raychem RPG Clamping products have Underwriters Laboratories Listing on the products indicated.



“R-Loc” raychem RPG Pvt. Ltd. Has Det Norske Verttas Type Approval on the products indicated.



All Bands & Buckles, Clamps, Cable Ties & other products that are manufactured at Raychem RPG Pvt. Ltd. are fully compliant within the EU ROHS directive and has no hazardous substances & heavy metals



All “R-Loc” Raychem RPG Pvt. Ltd. products are manufactured in an ISO9001 certified manufacturing set-ups with adherence to international quality management standards.



All “R-Loc” Raychem RPG Pvt. Ltd. products are manufactured in an ISO9001 certified manufacturing set-ups with adherence to international quality management standards.



R-Loc “SS Ball Lock Cable Ties –Uncoated & Coated” are fire rated according to AS/NZ:3013 & BS 5839-1 Standards (BS 50200: 2015 & BS 8434-2:2003+A2:2009)



R-Loc “SS Ball Lock Cable Ties –Uncoated & Coated” are short circuit tested as per reference from standard IEC 61914

Rigorous Tests & Physical properties of Stainless Steel Clamping Products

Tensile Strength	Stainless Steel Ties are tested for Tensile strength on specially designed fixture on tensile testing machine
Material Grade	Ties are 100% Stainless Steel (Locking Head, Locking Ball & Body all provided in same grade of material ordered). Spectrometer lab analysis of stainless steel raw material is mandatory at Raychem RPG to ensure quality of stainless steel grades.
Extreme Temperature	Stainless Steel clamping products are tested on temperature extremes and withstand from -60C to 300C for Uncoated products & -60C to 150C for Coated products without any signs or cracks, distortions, break, release of locking device & meet minimum tensile requirements.
Salt Spray	Stainless Steel Ties have been subjected to salt spray tests without any signs of Corrosion or reduction in Performance.
Outdoor UV Exposure	Stainless Steel clamping products remain unaffected in long UV exposure in outdoor atmospheres



Raychem RPG

ENGINEERING GROWTH. PIONEERING EXCELLENCE



Raychem RPG (P) Ltd.

Corporate Office

RPG House, 463, Dr. A. B. Road,
Worli, Mumbai - 400 030
Tel.: +91 22 24937485 / 24937486
Fax.: +91 22 24938879

International Business Division (IBD) - EBU

1,62, M.G. Rd., Near Bharat Petroleum Pump
Off. Western Express Highway,
P. Satavali, Bassein,
Taluka Vasai, Dist. Palghar
Tel.: +91 250 3057500
Fax: +91 250 2480046

GCC – REGIONAL OFFICE

Office No.906 SIT Tower
Dubai Silicon Oasis,
Dubai United Arab Emirates
P O Box No 294632
Tel: +971 4 345 4878 /898
Fax: +971 4 345 4801

Email: clamping@raychemrpg.com

www.raychemrpg.com



(A TE-Connectivity - RPG Enterprises JV)