



ESSENTRA

Securing Solutions



ABRIC™

Essentra: a new name, still making
the same great products



Contents

○ Company Profile	3
○ Introducing Security Seals	4
○ Product Families	5
○ Industry & Applications	6 - 9
● Barrier Seals	10 - 14
● Fixed Length Seals	15 - 17
● Variable Length Seals	18 - 23
● Special Purpose Seals	24 - 29
● RFID Seals	30 - 33
○ Effective Security Sealing Protocol	34 - 35



▶ A secure future

Welcome to Essentra

ABRIC may have a new name, but we're still making the same great security sealing solutions.

Essentra Plc is a leading international supplier of specialist plastic, fibre, foam and packaging products with four Strategic Business Units: Distribution, Specialist Technologies, Health & Personal Care Packaging and Filter Products.

Every day Essentra produces and distributes millions of small but essential products. Our business is all around you.

Our international network extends to 33 countries and includes 69 principal manufacturing facilities, 64 sales and distribution operations and 5 research & development centres.

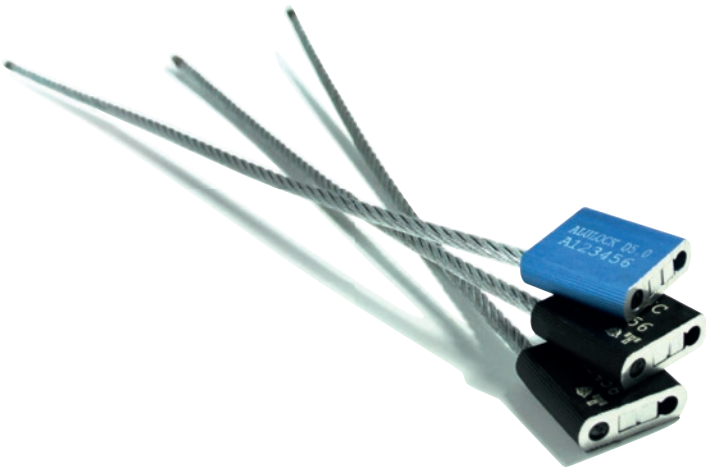
Innovation

As ABRIC our security seal portfolio was second-to-none. Now part of the Essentra family, product innovation will continue to be at the core of our growth as we continually improve and develop new products designed to meet stringent requirements and customer demand.

Setting the standard

Essentra seals are produced to stringent security and manufacturing standards including:

- ISO 9001:2008 Quality Management System
- ISO 14001:2004 Environmental Management System
- ISO 17712:2013 Freight Container - Mechanical Seal Standards



Introducing security seals

What are security seals?

Security seals are mechanical devices used to seal or lock items. Their main function is to indicate tampering or unauthorised access to a sealed item. Security seals are designed for single use only. In the event that the sealed item or cargo is tampered with, security seals will exhibit tamper evident marks - this will indicate to the user that a breach has

occurred. While regular closures such as cable ties do not have printed markings on them, security seals have unique printed serial numbers for identification purposes. For security seals to work to their full potential, they should be implemented within an integrated security program, with sufficient employee training to ensure that they are used in the correct manner.

Why security seals?

Security seals are designed with features that provide indication of tampering. Tamper evident markings will appear on the surface of the seal if it has been tampered with. Therefore, the use of security seals removes the need for expensive or complicated key-control programs. With many customisation options, such as different colours, printing

options and markings, security seals allow for an easy and reliable security solution for all types of industries. Our security seals are available in a range of security levels. Customers have the flexibility of choosing the most appropriate security seal based on the requirements of their application and the type or value of their cargo.

Classification of security seals under ISO 17712:2013 standards

ISO 17712:2013 is an ISO standard that defines the various types of security seals, as well as its performance requirements. Many of our high-security seals meet the stringent requirements of ISO 17712:2013. These seals are made from either metal bolts or cables, and are ideal for use against

pilferage and theft. Our high-security seals are purpose designed for global marine, rail and road transportation industry applications. They are constantly tested to our customers' stringent standards to ensure they are able to show evidence of tampering and delay intrusion.



High-security seal

Seal that is constructed and manufactured of material such as metal or metal cable with the intent to delay intrusion.



Security seal

Seal that is constructed and manufactured of material that provides limited resistance to intrusion and requires lightweight tools for removal.



Indicative Seal

Seal that is constructed and manufactured of material that can easily be broken by hand or by using simple snipping tools.

Product families



Barrier Seals

Tough & Secure

Barrier seals consist mainly of high-security seals that provide the highest level of tamper evident security. They are commonly used on intermodal containers, trucks, trailers, and bulk railcars to seal cargo in transit.



Fixed Length Seals

Simple & Efficient

Fixed length seals are easy to use plastic security seals that have a fixed loop design. These seals are used widely to seal containers, trucks, tankers and vehicle doors.



Variable Length Seals

Flexible & Versatile

Variable length seals are tamper evident pull-tight plastic seals for a wide range of applications. They are suitable for many types of industry uses, such as on courier bags, roll cages and airline carts.



Special Purpose Seals

Unique & Practical

Special purpose seals are unique and practical solutions for various applications in different industries. Included in this range are tote box seals, label seals and pouches.



RFID Seals

Tracking & Tamper Detection

RFID seals enable tracking the status/identity and location of assets. They are suitable for industry uses such as inventory management, railway freight, warehousing and plastic distribution boxes.

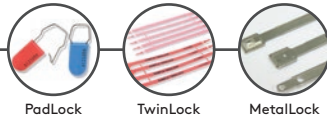
Industry & application



Agriculture, Forestry & Fishing

Security seals are used in this industry to track movement of livestock and agricultural products. Tagging helps producers or farmers identify a certain animal or agricultural product for reproductive and health concerns. Our security seals are designed to be lightweight and robust, so that they may be safely carried by animals, while being able to withstand different weather conditions.

Product



Application



Airlines & Airports

The global aviation industry continues to witness rapid development due to the steady growth in air traffic worldwide, with billions of dollars spent each year on security-related costs. Identifying the right seal that helps streamline security checks ensures that airlines and airports are able to focus on maintaining an efficient security system.

Product



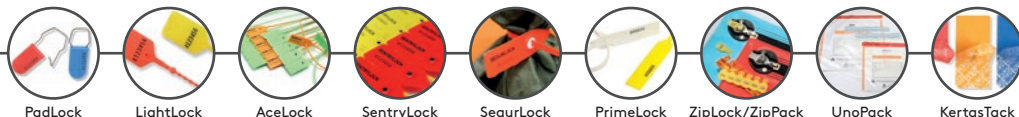
Application



Banking & Cash-in-Transit

The process of cash handling and transport is incredibly complex; there are many in-transit opportunities for diversion, theft and fraud. Companies seeking to provide a safe, secure and efficient cash handling environment can rely on security seals to help ensure accountability and transparency throughout the entire supply chain.

Product



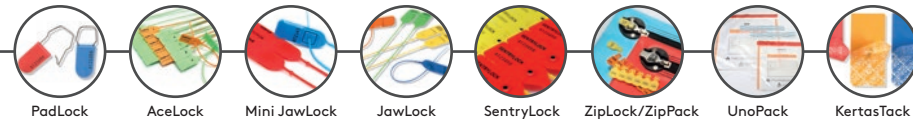
Application



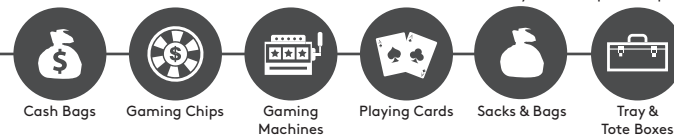
Entertainment

Customers in this industry seek to ensure that cash flow within the premises, such as theme parks, cinemas and entertainment complexes are secure, and that daily transactions can be counted and authenticated with accuracy and efficiency. Proper controls over the handling of cash is a priority that we seek to address through a wide range of security seals, pouches and labels that help in daily operations.

Product



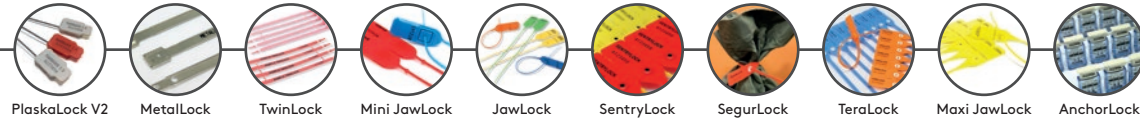
Application



Food & Beverage

Globalisation of the food supply chain has exposed the industry to more points of contaminants, hazards, disruptions, hygiene issues and third party participants. Supply chain integrity is vital as food borne illnesses have a serious impact to an organisation's brand equity. Each stage, from the delivery of raw materials, to the labeling of food items, should be controlled using tamper evident security seals.

Product



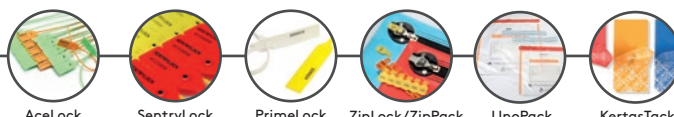
Application



Healthcare

Theft, loss and counterfeiting are the common issues for the healthcare industry. These activities have threatened the welfare of medical bodies as well as the health of citizens who receive counterfeit medicines. We recognise this predicament and offer easy solutions to help protect medicinal drugs from theft and tampering.

Product



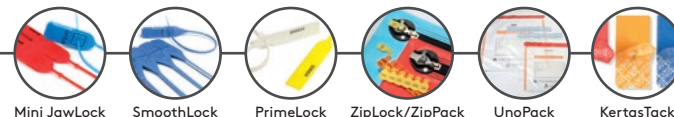
Application



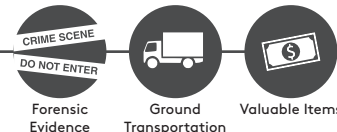
Law Enforcement

Law enforcement agencies face an arduous task of improving public safety through efficient use of resources. Helping these agencies ensure transparency and accountability in a cost effective manner is a challenge that we constantly seek to address. Through a range of security products, we are able to provide high-quality solutions that are suitable for tracking of equipment and forensic evidence.

Product



Application

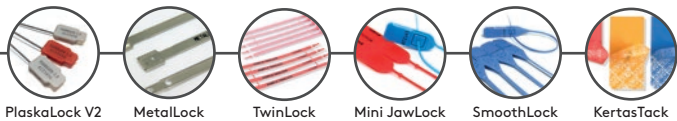




Manufacturing

A secure environment is critical for manufacturers to maintain the integrity of products, and ultimately the company's image. Be it as a deterrent or for tamper evidence, our security seals play an important role in helping manufacturing industries maintain product integrity and security at these facilities. Security seals are not only used to protect product quality but also to ensure that access to sensitive machinery or restricted areas within a manufacturing environment is enforced.

Product



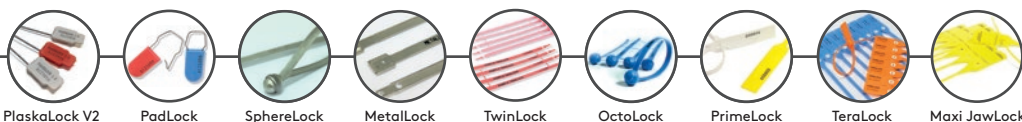
Application



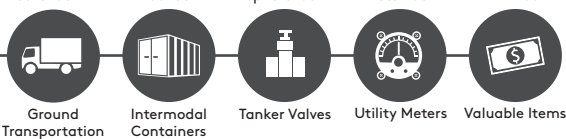
Petrochemical

Petrochemical companies are highly sensitive to adulteration and potential theft at various points where the product is in transit. Our security seals are designed for added security, in order to minimise the pilferage of fuel and chemical supplies. In the event that the product in transit is tampered with, security seals play an important role to ensure that the breach of security is thoroughly investigated and contaminated materials are isolated and do not disrupt the overall supply chain.

Product



Application



Postal & Courier

The business of moving mail and packages has undergone tremendous change. However, one aspect of the business remains the same - the need to move mail and packages securely. As security seals facilitate the efficient movement of goods by simplifying controls and checking procedures, they are increasingly being relied upon by the industry in order to address speed and cost challenges.

Product



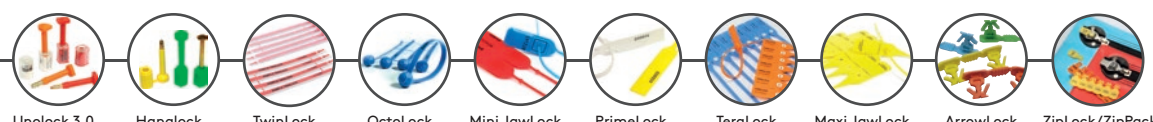
Application



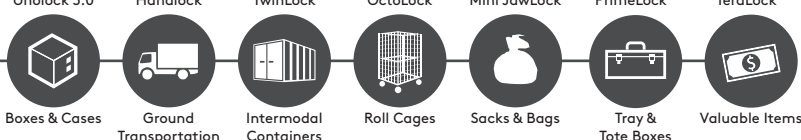
Retail

In today's competitive retail landscape, shrink management has become a persistent challenge. Decision makers are compelled to search for new solutions that combat loss within their organisations. Our goal is to mitigate the prevalence of theft and prevent loss of inventory through innovative tamper evident products designed for the retail environment.

Product



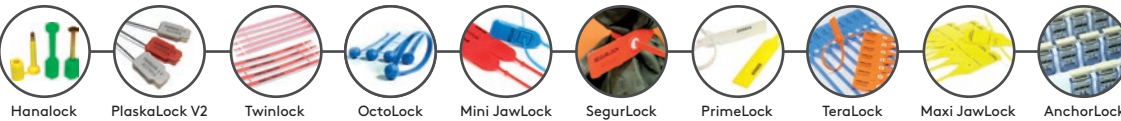
Application



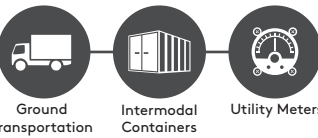
Transportation

Globalisation of supply chains has facilitated international trade and led to higher cargo value being shipped around the world. Integration of our comprehensive range of high security barrier seals within an effective security program will allow transportation and logistics companies to better ensure traceability and cargo integrity.

Product



Application



Utilities & Services

Water and electricity theft through meter tampering is becoming a key challenge for utility companies. Additionally, vandalism and damage to public utilities, such as public telephones and parking meters are costing billions of dollars to companies worldwide. Identification of tampered meters is critical in ensuring accurate billing and thereby revenue protection. Increasingly, companies are therefore turning to security seals to help detect tampering and prevent any service disruptions.

Product



Application



Legend

- mmW** Millimeter Width
- mmH** Millimeter Height
- mmL** Millimeter Length
- mmD** Millimeter Depth

- []** Imperial Unit
- Ø** Diameter
- NT0** Non tear-off
- STO** Side tear-off

UnoLock 3.0



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
UnoLock 3.0	Ø8mm x 80mmL [Ø0.35"x3.15"]	UL808A	>1,000 kgf / [>2,205 lbs]	3,000

- Features:**
- ISO 17712:2013 & C-TPAT compliant
 - High strength steel pin moulded with PP material
 - Limited 130° rotation when engaged
 - Requires bolt cutters for removal

- Benefits:**
- Ideal for securing intermodal containers worldwide
 - Reveals tampering attempts on the barrel
 - Prevents spin attacks on the barrel

Colour:      

Industry:  



HanaLock UP



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
HanaLock UP Uncoated Pin	Ø8mm x 76mm L [Ø0.31"x3"]	HN078A	>1,000 kgf / [>2,205 lbs]	3,000

- Features:**
- ISO 17712:2013 compliant, Ø18mm metal components
 - Strong ABS barrel with uncoated steel pin
 - Pin and barrel separated
 - Requires bolt cutters for removal

- Benefits:**
- Ideal for securing intermodal containers worldwide
 - Easy handling of seal

Colour:      

Industry:   



HanaLock CJ



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
HanaLock CJ (Coated, Joined Pin)	Ø8mm x 78mmL [Ø0.31"x3"]	HN078B	>1,000 kgf / [>2,205 lbs]	3,000

- Features:**
- ISO 17712:2013 & C-TPAT compliant, Ø18mm metal components
 - Strong ABS barrel with ABS coated steel pin
 - Pin and barrel attached
 - Limited 180° rotation when engaged
 - Requires bolt cutters for removal

- Benefits:**
- Ideal for securing intermodal containers worldwide
 - Easy handling of seal
 - Prevents spin attacks on the barrel

Colour:      

Industry:   



EinLock 6.0, 8.0



Name	Dimension (Diameter x Length)	Product Code		Strength	Min. Order Quantity (pcs)
		Uncoated Pin	Coated Pin		
EinLock 6.0	Ø6mm x 80mmL [Ø0.24"x3.15"]	EN086A	-	>1,000 kgf / [>2,205 lbs]	3,000
EinLock 8.0	Ø8mm x 80mmL [Ø0.31" x 3.15"]	EN088A	EN088C		

- Features:**
- EinLock 6.0: Ø6 mm pin, strong ABS barrel with uncoated steel pin
 - EinLock 8.0: Ø8 mm pin, available with coated pin option (with ABS material & chromed) to prevent corrosion
 - Both 6.0 & 8.0 are secured by metal C-clip & metal insert upon locking

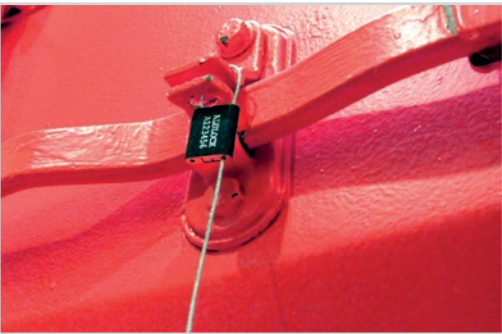
- Benefits:**
- Ideal for securing import/export goods worldwide
 - Provides maximum security
 - Withstands severe environmental and climatic conditions

Colour:      

Industry:   



AluLock D1.5



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
AluLock D1.5	Ø1.5mm x 300mmL [Ø0.6"x11.81"]	AU15AC	>200 kgf/ [>441 lbs]	3,000
	Ø1.5 mm [Ø0.06"] with Customised Cable Length	AU15XC		

- Features:**
- Non-preformed cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
 - Light-duty cable seal for a wide range of applications
 - Galvanised steel cable, removable only with tool upon locking
- Benefits:**
- Suitable for securing valuables for long periods of time
 - Prevents tampering by cable cutting and reusing of seal

Colour:    

Industry:   

AluLock D3.5



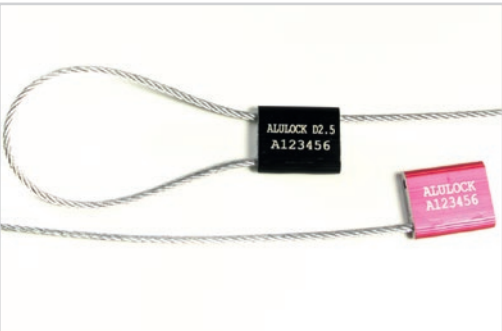
Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
AluLock D3.5	Ø3.5 mm x 300 mmL [Ø0.14" x 11.81"]	AU35AC	>1,000 kgf/ [>2,205 lbs]	3,000
	Ø3.5 mm [Ø0.14"] with Customised Cable Length	AU35XC		

- Features:**
- ISO 17712:2013 & C-TPAT compliant
 - Cable secured on one end of the aluminium housing
 - Non-preformed steel cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
- Benefits:**
- Suitable for securing high-value items
 - Versatile as cable can be pulled tight to fit various applications
 - Provides a high level of security and leaves an obvious evidence of tampering

Colour:    

Industry:       

AluLock D2.0, D2.5



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
AluLock D2.0	Ø2.0mm x 300mmL [Ø0.08" x 11.81"]	AU20AC	>350 kgf/ [>771 lbs]	3,000
	Ø2.0 mm [Ø0.08"] with Customised Cable Length	AU20XC		
AluLock D2.5	Ø2.5 mm x 300 mmL [Ø0.10" x 11.81"]	AU25AC	>450 kgf/ [>992 lbs]	
	Ø2.5 mm [Ø0.10"] with Customised Cable Length	AU25XC		

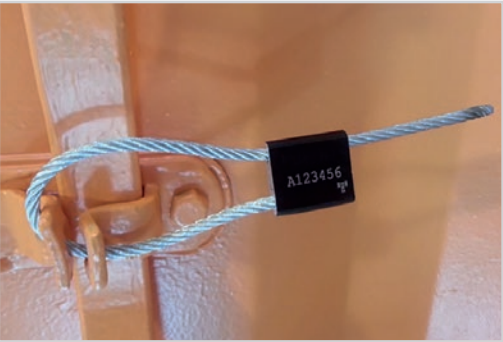
- Features:**
- Non-preformed cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
 - Medium-duty cable seal
 - Galvanised steel cable, removable only with tool

- Benefits:**
- Suitable for securing bulk mail and truck shipments
 - Prevents tampering by cable cutting and reusing of seal

Colour:    

Industry:   

AluLock D4.0, D5.0



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
AluLock D4.0	Ø4.0 mm x 300 mmL [Ø0.16"x 11.81"]	AU40AC	>1,000 kgf / [>2,205 lbs]	3,000
	Ø4.0 mm [Ø0.16"] with Customised Cable Length	AU40XC		
AluLock D5.0	Ø5.0 mm x 300 mmL [Ø0.19" x 11.81"]	AU50AC	>1,250 kgf / [>2,755 lbs]	
	Ø5.0 mm [Ø0.19"] with Customised Cable Length	AU50XC		

- Features:**
- ISO 17712:2013 & C-TPAT compliant
 - Cable secured on one end of the aluminium housing
 - Non-preformed steel cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used

- Benefits:**
- Ideal solution for container and trailer shipments
 - Versatile as cable can be pulled tight to fit various applications
 - Provides a high level of security and leaves an obvious evidence of tampering

Colour:    

Industry:   

PlaskaLock D1.5, D2.0



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
PlaskaLock V2 D1.5	Ø1.5 mm x 150 mmL [Ø0.06" x 5.9"]	PK15AC	>120 kgf / [>265 lbs]	3,000
	Ø1.5 mm [Ø0.06"] with Customised Cable Length	PK15XC		
PlaskaLock V2 D2.0	Ø2.0 mm x 150 mmL [Ø0.08" x 5.9"]	PK20AC	>150 kgf / [>331 lbs]	
	Ø2.0 mm [Ø0.08"] with Customised Cable Length	PK20XC		

- Features:**
- Non-preformed steel cable secured within a strong ABS housing
 - Long tag allows for barcoding of up to 13 alphanumerics
 - Mat of 5 for easy handling
- Benefits:**
- Large printing area for easy identification of seal
 - Improves operational efficiency

Colour: Industry:

SphereLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
SphereLock	215mmL [8.46"]	SP21AB	>60 kgf / [>132 lbs]	3,000

- Features:**
- Unique sphere locking mechanism
 - Metal strap with rolled edges
 - Tin plated steel material
- Benefits:**
- Fully encapsulated locking system to enhance security
 - Reinforces the seal's construction and is gentle to hands
 - Protects against corrosion

Colour:

Industry:

PadLock 1, 2



Name	Description	Product Code	Strength	Min. Order Quantity (pcs)
PadLock 1	Stainless Steel Hasp & 25 x 39 mm [1" x 1.53"]	PL01AA	>30 kgf / [>66 lbs]	10,000
PadLock 2	Galvanised Steel Hasp & 21 x 39 mm [0.83" x 1.53"]	PL02AA		10,000

- Features:**
- User friendly one-hand application
 - PadLock 1: made of high grade SAN resin with a stainless steel hasp
 - PadLock 2: made of high grade polypropylene with a galvanised steel hasp
- Benefits:**
- PadLock 1: Clear visual indication whether seal is properly locked
 - PadLock 1 & 2: Recommended for in-flight duty free carts
 - PadLock 1 & 2: Provides obvious indication of any security breaches

Colour:

Industry:

MetalLock 3, 5



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
MetalLock 3	214mmL [8.43"]	ME03AB	>25 kgf / [>55 lbs]	3,000
MetalLock 5	218mmL [8.58"]	ME05AB	>50 kgf / [>110 lbs]	3,000

- Features:**
- Unique flat end locking mechanism
 - Metal strap with rolled edges
 - Tin plated steel material
- Benefits:**
- Fully encapsulated locking system to enhance security
 - Reinforces the seal's construction and is gentle to hands
 - Protects against corrosion

Colour:

Industry:

TwinLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
TwinLock	200mmL [7.78"]	RL20HB	>15 kgf / [>33 lbs]	10,000

- Features:**
- Patented double locking mechanism (insert until second click for full security)
 - Reinforced by acetal locking jaw
 - Fixed loop design
 - Pre-determined break point on the seal

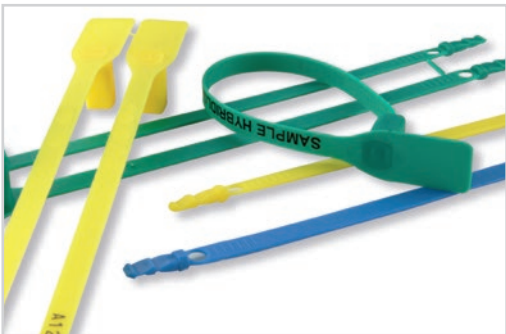
- Benefits:**
- Enhanced security against tampering
 - Acetal insert is durable, capable of withstanding higher temperature
 - Allows movement of door locking mechanism without straining the seal
 - Enables easy removal without tools

Colour:      

Industry:        



HybridLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
HybridLock	202.5mmL [7.97"]	HL20HA	>15 kgf / [>33 lbs]	10,000

- Features:**
- Patented double locking mechanism
 - Flat tag for additional printing surface
 - Fixed loop design
 - Pre-determined break point on the seal

- Benefits:**
- Allows movements of the door locking mechanism without straining the seal
 - Flexibility of having logo or barcode printed on tag instead of strap band
 - Enhanced level of security
 - User friendly, easy removal

Colour:      

Industry:       



OctoLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
OctoLock	205mmL [8.07"]	OL20FA	>15 kgf / [>33 lbs]	10,000

- Features:**
- Patented double locking mechanism
 - Reinforced by acetal locking jaw
 - Heavy duty octagonal head
 - Fixed loop design
 - Pre-determined break point on the seal

- Benefits:**
- Enhanced security against tampering
 - Acetal insert is durable, capable of withstanding higher temperature
 - Strong octagonal head protects acetal jaw from tampering
 - Allows movement of door locking mechanism without straining the seal
 - Enables easy removal without tools

Colour:      

Industry:       



InnoLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
InnoLock	200mmL [7.87"]	IN20SA	>12 kgf / [>26.5 lbs]	10,000

- Features:**
- Fixed loop design
 - Metal jaw locking mechanism
 - Available with Side-Tear-Off Option
 - 10mm Flat Strap

- Benefits:**
- Allows movements of the door latch without straining the seal
 - Enhanced level of security
 - User friendly, easy removal without using tool
 - Flexibility of having logo or barcode printed on tag and strap

Colour:      

Industry:       



TeraLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Std Tag	Long Tag		
TeraLock	300mmL [11.81"]	TR30NA	TR30NB	>45 kgf / [>99 lbs]	10,000
	400mmL [15.75"]	TR40NA	TR40NB		

- Features:**
- Variable loop design reinforced with metal locking jaw
 - Smooth strap
 - Gripping prongs on stem
 - Available with long tag option and non tear-off option
 - Similar to SegurLock (higher strength)
- Benefits:**
- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
 - User friendly and gentle to hands
 - Secure fastening to neck of bags

Colour:      

Industry:     

PrimeLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
PrimeLock	300mmL [11.81"], Standard Tag	PR30NA	PR30SA	>32 kgf / [>70.6 lbs]	10,000
	300mmL [11.81"], Long Tag	PR30NB	PR30SB		
	400mmL [15.75"], Standard Tag	PR40NA	PR40SA		
	400mmL [15.75"], Long Tag	PR40NB	PR40SB		

- Features:**
- One piece variable loop construction
 - Spiky stem design
 - Gripping prongs on stem
 - With tag holder
 - Side tear-off & long tag option available
- Benefits:**
- Cost effective high strength applications solution (>32 kgf/70.6lbs)
 - Secure fastening to neck of bags or on slippery materials
 - Easy identification of delivery information
 - Easy removal without the need for cutting tool

Colour:      

Industry:       

Maxi JawLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
Maxi JawLock	300mmL [11.81"]	MX30NA	MX30SA	>35 kgf / [>77.2 lbs]	10,000
	400mmL [15.75"]	MX40NA	MX40SA		
	500mmL [19.69"]	MX50NA	MX50SA		

- Features:**
- Variable loop design reinforced with metal locking jaw
 - Round, smooth sealing strap
 - Gripping prongs on neck
 - Side tear-off option available
- Benefits:**
- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
 - User friendly and gentle to hands
 - Secure fastening to bags
 - Easy removal without the need for cutting tools

Colour:      

Industry:     

BagLock



Name	Dimension (Diameter x Length)	Product Code	Strength	Min. Order Quantity (pcs)
BagLock	240mmL [9.45"], 25 x 40mm [0.98" x 1.57"] Tag	BG24NA	>20 kgf / [>44.1 lbs]	10,000
	290mmL [11.42"], 25 x 40mm [0.98" x 1.57"] Tag	BG29NA		
	350mmL [13.78"], 56 x 105mm [2.2" x 4.12"] Big Tag	BG35NB		10,000

- Features:**
- High tensile strength (>20kgf/44.1lbs)
 - Gripping prongs on stem
 - Spiky stem design
 - Available in a longer tag for a bar code and serial number
- Benefits:**
- Ideal for robust applications
 - Can be used on a wide range of applications
 - Easy identification of delivery details and improve efficiency

Colour:      

Industry:       

SegurLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
SegurLock	200mmL [7.87"], Standard Tag	SG20NA	SG20SA	>30 kgf / [>66 lbs]	10,000
	200mmL [7.87"], Long Tag	SG20NB	SG20SB		
	300mmL [11.81"], Standard Tag	SG30NA	SG30SA		
	300mmL [11.81"], Long Tag	SG30NB	SG30SB		

Features:

- Variable loop design reinforced with metal locking jaw
- Smooth strap
- Gripping prongs on stem
- Side tear-off & long tag option available
- Similar to TeraLock (lower strength)

Benefits:

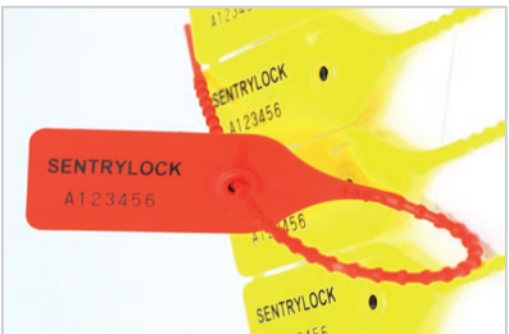
- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
- User friendly and gentle to hands
- Secure fastening to neck of bags
- Easy removal without tool



Colour:      

Industry:    

SentryLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
SentryLock	250mmL [9.84"]	SY25NA	SY25SA	>20 kgf / [>44.1 lbs]	10,000
	350mmL [13.78"]	SY35NA	SY35SA		

Features:

- Variable loop design reinforced with acetal locking jaw
- Gripping prongs on stem
- Acetal jaw secured by rolled heat staking technology
- Side tear-off option available
- Similar to AceLock (higher strength)

Benefits:

- Enhanced security against tampering
- Secure fastening to neck of bags
- Provides clear evidence of tampering if forced open or cut
- Easy removal without tool



Colour:      

Industry:       

SmoothLock



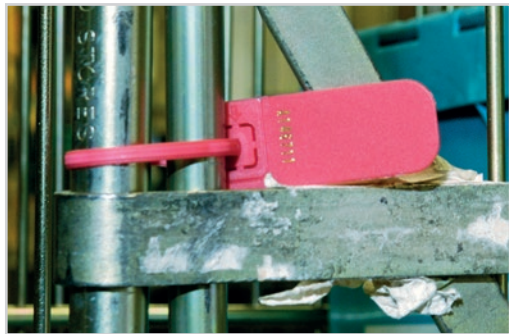
Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
SmoothLock	200mmL [7.87"]	SM20NA	SM20SA	>25 kgf / [>55 lbs]	10,000
	300mmL [11.81"]	SM30NA	SM30SA		

Features:

- Variable loop design reinforced with metal locking jaw
- Smooth strap
- Gripping prongs on stem
- Side tear-off option available

Benefits:

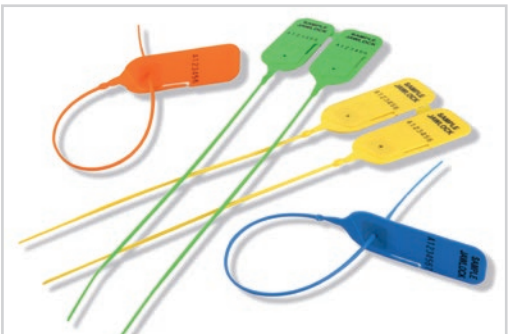
- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
- User friendly and gentle to hands
- Secure fastening to neck of bags
- Easy removal without tool



Colour:      

Industry:     

JawLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Side tear-off		
JawLock	250mmL [9.84"]	ML25NA	ML25SA	>14 kgf / [>31 lbs]	10,000

Features:

- Variable loop design reinforced with metal locking jaw
- Thin round smooth sealing strap (Ø2.0mm)
- Side tear-off option available
- Full size tag

Benefits:

- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
- Designed to fit applications with small apertures
- Easy removal without tool
- Ample tag surface for codings



Colour:      

Industry:      

Mini JawLock



Name	Dimensions	Product Code				Strength (kilogramme- force)	Min. Order Qty (pcs)
		Std Tag		Long Tag			
		NTO	STO	NTO	STO		
Mini JawLock	150mmL [5.9"]	MJ15NA	MJ15SA	MJ15NB	MJ15SB	>12 kgf / [>26.5 lbs]	10,000
	200mmL [7.87"]	MJ20NA	MJ20SA	MJ20NB	MJ20SB		
	250mmL [9.84"]	MJ25NA	MJ25SA	MJ25NB	-		
	300mmL [11.81"]	MJ30NC	-	MJ30ND	-	10,000	
	400mmL [15.75"]	MJ40NC	-	MJ40ND	-		

Features:

- Variable loop reinforced with metal locking jaw
- Thin round smooth sealing strap (Ø2.0mm),
- Side tear-off option for 150mm, 200mm, 250mm

Benefits:

- Enhanced tampering security and greater locking strength
- Designed to fit small apertures plus easy removal with tool

Colour:      

Industry:       



LuggageLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
LuggageLock	150mmL [5.9"]	LU15SB	>12 kgf / [>26.5 lbs]	10,000

Features:

- Unique dual numbered snap-off reference tab at head of seal
- Variable loop design reinforced with metal locking jaw
- Side tear-off option available

Benefits:

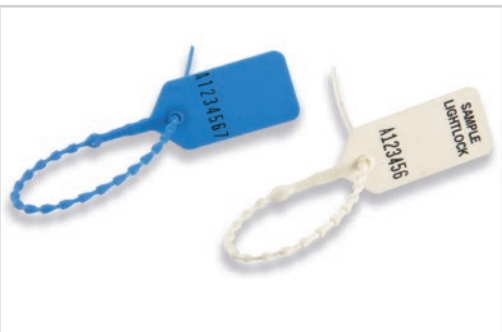
- Convenient user verification of luggage
- Enhanced security and tamper evidence identification
- Easy removal without tool

Colour:      

Industry:    



LightLock



Name	Product Length	Product Code	Strength	Min. Order Quantity (pcs)
LightLock	220mmL [8.66"]	LL22NA	>8 kgf / [>18 lbs]	10,000

Features:

- One piece variable loop construction for low tensile strength
- Thin sealing ribbon (Ø2.6mm)

Benefits:

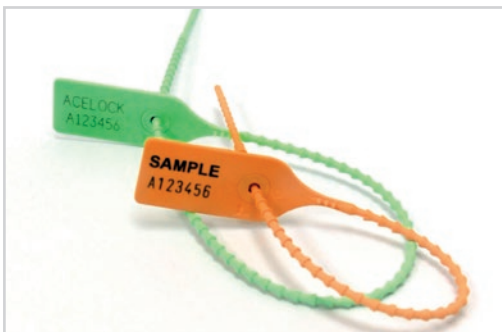
- Allows easy removal without tools
- Ideal for applications with small sealing apertures
- Colour coding enables easy identification of the year fire extinguishers are tested

Colour:      

Industry:   



AceLock



Name	Product Length	Product Code		Strength	Min. Order Quantity (pcs)
		Non tear-off	Long Side tear-off		
AceLock	200mmL [7.87"]	AC20NA	AC20LA	>12 kgf / [>26.5 lbs]	10,000
	300mmL [11.81"]	AC30NA	AC30LA		

Features:

- Variable loop design reinforced with acetal locking jaw
- Thin sealing ribbon (Ø3.0mm)
- Side tear-off option available

Benefits:

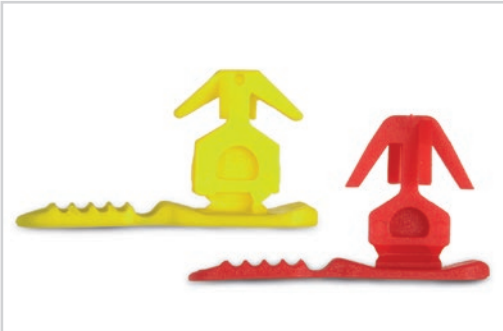
- Enhanced security against tampering and greater locking strength making it suitable for more robust applications
- Suitable for sealing most applications with small apertures and equipment latches
- Easy removal without tool

Colour:      

Industry:     



ArrowLock 2, 4, 5



Name	Size	Product Code		Min. Order Quantity (pcs)
		Non-paired	Paired	
ArrowLock 2	20.4 mm x 17.5 mm [0.80" x 0.69"] Tag	AL02AA	-	10,000
ArrowLock 4	36 mm x 10 mm [1.42" x 0.39"] Tag	AL04AA	-	
ArrowLock 4 Twin	36 mm x 10 mm [1.42" x 0.39"] Tag	-	AL04AB	
ArrowLock 5	36 mm x 11.5 mm [1.42" x 0.45"] Tag	AL05AA	-	

Features:

- Easily sealed by one hand
- Easy removal
- Specially designed locking mechanism
- ArrowLock 4 can be supplied in pairs

Benefits:

- Faster application compared to a strap seal
- No tools required for removal
- More cost effective than conventional strap seals
- Record only one serial number per trip by using paired sets



Colour:

Industry:

AnchorLock



Name	Size	Product Code	Min. Order Quantity (pcs)
AnchorLock	24 mm x 18 mm [0.94" x 0.71"] Body	AN01AA	2,000
	24 mm x 18 mm [0.94" x 0.71"] Body with 150 mmL [5.9"] Wire	AN15AA	

Features:

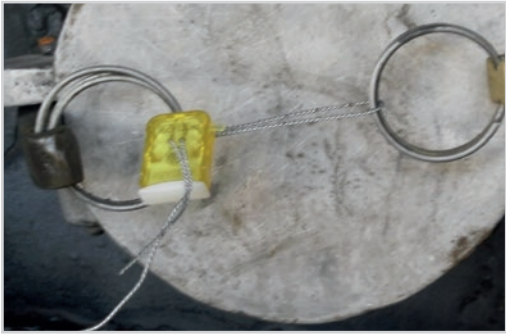
- Encapsulated locking arrow
- Double serial number
- Slim seal design (7 mm depth)
- Transparent polycarbonate body

Benefits:

- Locking arrows fully encapsulated making it difficult to tampering
- Prevents unauthorised/illegal component replacement
- Fits within narrow recess
- Allows easy visual inspection of seal integrity

Colour:

Industry:



CartLock 5



Name	Size	Product Code	Min. Order Quantity (pcs)
CartLock 5	28 mm x 16 mm [1.1" x 0.63"] Tag, Acetal Jaw	CT05AA	10,000

Features:

- Easy application with one hand
- Easy break
- Sits flat within recesses

Benefits:

- Efficient option for high volume airline application
- Excellent tamper evident security seal
- Prevents seal damage in transit



Colour:

Industry:

ClickLock



Name	Description	Product Code	Min. Order Quantity (pcs)
ClickLock	Polycarbonate body, With Hole At Both Side, Without wire	CK00AA	10,000
ClickLock with Wire	Polycarbonate body, With Hole At Both Side, With 150mmL [5.9"] wire	CK15AA	10,000
ClickLock with Wire X	Polycarbonate body, With Hole At Both Side, With Customised wire length	CKXXAA	

Features:

- Moulded in polycarbonate material (transparent colours) with two sets of locking arrows
- Wire length available at 150mmL [5.9"] or longer

Benefits:

- Strong body casing with enhanced locking engagement
- Easily sealed
- Sealing mechanism can be viewed and inspected
- No tools required for removal
- Ideal for applications requiring longer wire loops



Colour:

Industry:

CrimpLock



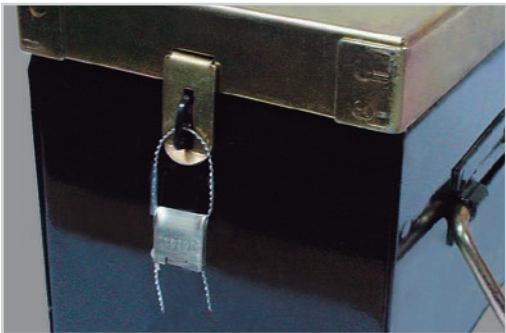
Name	Size	Product Code	Min. Order Quantity (pcs)
CrimpLock	14 mmW x 21 mmH x 5 mmT [0.55" x 0.83" x 0.2"] ABS Opaque	CL02AA	10,000
CrimpLock Wire	Ø1.7mm [0.067"]	ZZWC04	2 Rolls

- Features:**
- Manufactured in high grade resin
 - Sealing pliers needed to seal CrimpLock
 - Wire can be supplied in cut lengths or roll
 - Diameter of wire: 1.7mm [0.067"]
 - Wire: 2kg spool - approx. 260m long
- Benefits:**
- Able to withstand different environmental conditions
 - Cost effective solution for various application needs

Colour:      

Industry:  

ClipLock



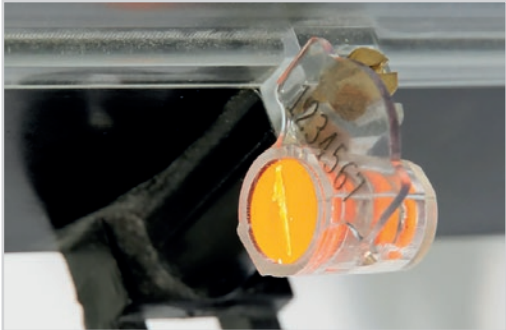
Name	Size	Product Code	Min. Order Quantity (pcs)
ClipLock	16 x 10mm [0.63" x 0.39"], Logo Area, without Wire	MC02AA	500,000

- Features:**
- Double clicking engagement
 - Break point at hinge
 - Flexible wire lengths
- Benefits:**
- Provides indication that the seal is properly locked
 - Designed to break if forced open
 - Flexible sealing for various applications

Colour: 

Industry:    

TwistLock



Name	Size	Product Code	Min. Order Quantity (pcs)
TwistLock	Ø12mm [Ø0.47"] Body, 19mmL x 8mmH [0.75" x 0.31"] Tag, with 220mm [8.66"] Wire	TW22AA	100,000

- Features:**
- Two component seal
 - One directional locking mechanism with sealing wire
 - ABS twister with option of colours
 - Transparent polycarbonate body
- Benefits:**
- Easy application without need for sealing tool
 - Prevents sealing wire from being re-inserted and replaced
 - Easy identification with colour coding
 - Allows easy visual inspection of seal integrity

Colour:   

Industry:   

MeterLock & MeterWire



Name	Description	Product Code	Min. Order Quantity (pcs)
MeterLock	Ø10mm [Ø0.39"] x 5mmW [0.12"], ABS resin	MR01AA	25,000
Meter Wire	Ø0.95mm [Ø0.04"], 30 x 28, 183m [600ft] roll for Click, Anchor, Meter & ClipLock	ZZWC01	6 rolls

- Features:**
- Manufactured in high grade ABS resin
 - Crimping pliers are needed to engage the seal
 - Body retains the sealing shape after crimping
 - Sealing wire length can vary to suit individual requirements
- Benefits:**
- Eliminates health and safety issues applicable to lead seals
 - No frills and easy to use
 - Colour coding improved efficiency and tracking

Colour:       Industry: 

UnoPack



Colour: Transparent

Name	Size	Product Code		Min. Order Quantity (pcs)
		Void Tape	High Security Tape	
UnoPack	Small - 180 mmL x 280 mmH [7" x 11"]	UP28VC	UP28XC	30,000
	Medium - 250 mmW x 370 mmH [9.8" x 14.5"]	UP37VC	UP37XC	
	Large - 350 mmW x 500 mmH [13.8" x 19.7"]	UP50VC	UP50XC	

- Features:**
- Security tape covers the opening and completely seals off the top of the pouch
 - UnoPack V leaves visible "VOID" message when opened
 - UnoPack X leaves visible "VOID" message and provides evidence when exposed to solvents and heat
- Benefits:**
- Water resistant and prevents unauthorised access into contents
 - Clear permanent evidence on attempts to force the pouch open
 - Additional evidence on the closure against cold and ambient temperature attack

Industry:

KertasTack



Name	Dimension	Product Code		Min. Order Quantity (pcs)
		Non Transfer	Total Transfer	
KertasTack	20 mm x 60 mm [0.79" x 2.36"]	KT01NA	KT01TA	10,000
	40 mm x 85 mm [1.57" x 3.35"]	KT02NA	KT02TA	

- Features:**
- Leaves visible "VOID" when removed
 - Non-transfer labels leave no residue when removed
 - Total-transfer labels leave a residue liner with "VOID" message
- Benefits:**
- Easy visual check against tampering
 - Suitable for sealing a wide range of products & surfaces
 - Irreversible evidence that seal has been opened

Colour:

Industry:

ZipLock & ZipPack



- Features:**
- Made of PVC with all linings sewn internally
 - Available in 3 designs - Envelope, Pouch & Bag
- Benefits:**
- ZipPacks are reusable
 - Specially designed for prolonged usage
 - Suitable for an extensive range of applications
 - Minimal cost per trip

Colour:

Industry:

Name	Size	Product Code	Min. Order Quantity (pcs)
ZipLock 1	11mm x 15mm [0.43" x 0.59"] Tag	ZL01AA	10,000
ZipLock 4	11mm x 15mm [0.43" x 0.59"] Tag, Fit to Other bags	ZL04AA	

Name	Range	Size	Product Code	Min. Order Quantity (pcs)
ZipPack	Bag	280mmL x 250mmH x 60mmW [11" x 9.8" x 2.3"], Window 85 x 130mm [3.3" x 5.1"]	ZPB01A	500
		350mmL x 250mmH x 75mmW [13.7" x 9.8" x 2.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPB02A	
		400mmL x 300mmH x 100mmW [15.7" x 11.8" x 3.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPB03A	
		460mmL x 360mmH x 100mmW [18.1" x 14.1" x 3.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPB04A	
		400mmL x 300mmH x 200mmW [15.7" x 11.8" x 7.8"], Window 85mm x 130mm [3.3" x 5.1"]	ZPB05A	
	CashPack	270mmL x 250mmH x 50mmW [10" x 9.8" x 1.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPC01A	
		270mmL x 250mmH x 50mmW [10" x 9.8" x 1.9"], Window 175mm x 230mm [6.8" x 9"]	ZPC02A	
	Envelope	250mmL x 200mmH [9.8" x 7.8"], Window 85mm x 130mm [3.3" x 5.1"]	ZPE01A	
		300mmL x 250mmH [11.8" x 9.8"], Window 85mm x 130mm [3.3" x 5.1"]	ZPE02A	
		400mmL x 300mmH [15.7" x 11.8"], Window 85mm x 130mm [3.3" x 5.1"]	ZPE03A	
		460mmL x 350mmH [18.1" x 13.7"], Window 85mm x 130mm [3.3" x 5.1"]	ZPE04A	
	Pouch	280mmL x 250mmH x 60mmW [11" x 9.8" x 2.3"], Window 85mm x 130mm [3.3" x 5.1"]	ZPP01A	
		350mmL x 250mmH x 75mmW [13.7" x 9.8" x 2.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPP02A	
		400mmL x 300mmH x 100mmW [15.7" x 11.8" x 3.9"], Window 85mm x 130mm [3.3" x 5.1"]	ZPP03A	

RFID Seals

What is RFID?

Radio-frequency identification (RFID) is an automatic identification technology which combines inexpensive labels and radio infrastructure for tracking the identity and location of assets. RFID uses radio waves to automatically identify people or objects. There are several methods of identification, but the most common is to store a small amount of unique data data such as a serial number or other unique attributes that identifies a person or object on a microchip that is attached to an RFID tag. The chip transmits the identified information/data to a reader from a distance (no contact or even line of sight is necessary).

How does an RFID system work?

An RFID system consists of a tag, containing a microchip, and a reader. The reader sends out electromagnetic waves. A passive RFID tag draws power from field created by the reader and uses it to power the microchip's circuits. The chip then modulates the waves that the tag sends back to the reader and the reader converts the new waves into digital data.

What are the benefits of RFID?

- Status Tracking of seals
- Location Tracking of Seals
- Storing/Retrieval of Shipment Manifests
- Trans-border Shipping
- Automated Custom Clearing of Shipment



DESCRIPTION	PASSIVE RFID SEALS		RFID CABLE SEALS		
	PadLock 3-RF	UnoLock-RF	AluLock-RF	AluLock-Actif	AluLock-RF433
RFID Standard	<ul style="list-style-type: none">• Standard: Electronic Product Code (EPC) Gen 2 Class 1 Compliant• ISO/IEC 18000-6C Compliant• Frequency: Ultra High Frequency (UHF) 860-940 MHz• ID: 96-bits (12 bytes)				<ul style="list-style-type: none">• No consistent standard• Frequency: 433MHz
Reader	Standard UHF RFID readers: cannot be read around container				<ul style="list-style-type: none">• Require RFID reader with USB, Bluetooth. For interface to 3rd party system.• Can be read around container walls.
Reading Distance*	Approx. 3-5 metres		Approx. 5-10 metres		Approx. 50 metres
Battery Life	-	-	-	Approx. 5 years	<ul style="list-style-type: none">• Storage: 2 years• Usage period: 60-80 days.
Specifications & Functionality	<ul style="list-style-type: none">• Passive UHF RFID – Padlock Seal and Bolt seal• Does not indicate state of the seal• Locations provided by the handheld RFID reader during read.		<ul style="list-style-type: none">• Active UHF RFID (Battery assisted)• Indicates the state of the seal. Goods could only be tracked upon scanning of the RFID seal at the end checkpoint.		<ul style="list-style-type: none">• Active 433MHz RFID• Location of the seal could be tracked on website using ICAT, a cloud-based system created by ABRIC Encode.• Indicates the state of the seal (if it has been tampered) throughout transit of goods with this type of seal.
Strength	>13 kgf / [>28.7 lbs]	>1,000 kgf / [>2,205 lbs]	>240 kgf / [>529 lbs]		
Application	<ul style="list-style-type: none">• Carpet, retail inventory• Data Centre (connecting one cable to another)• Plastic distribution boxes• Inventory management, warehousing• Vehicle doors, Railway freight		<ul style="list-style-type: none">• Shipping containers• Rail trucks• Petrochemical valves• Trucks, Railway freight		<ul style="list-style-type: none">• Suitable for security systems applications Automated seal reading• Logistics companies which incorporate seals into 3rd party tracking system.• For moving objects/objects which are placed high off ground – to allow scanning to be done safely from ground.

*Reading ranges are tested under laboratory conditions. The reading range is dependent on sites, radio interference, air temperature, humidity, surrounding metals, surrounding walls and the size of the RFID – the bigger the size of the RFID, the greater the reading range.

UnoLock RF



Name	Description	Product Code	Strength	Min. Order Quantity (pcs)
UnoLock RF	Ø8 mm x 80 mmL Bare Pin Reading Distance: Up to 5 metres range	UR808A	>1,000 kgf / [2,205 lbs]	3,000

- Features:**
- Barrel covered by hard durable polycarbonate
 - Ø18mm Insert mechanism & pin head
 - Partially transparent barrel revealing locking mechanism
 - Limited to 130° rotation when engaged
 - Embedded with UHF RFID technology

- Benefits:**
- Hard and durable cover to protect printing on barrel
 - Bare pin head & insert mechanism larger than ISO Container latch hole
 - Reveals any tampering attempts on the locking mechanism
 - Prevents tampering by spinning the barrel at high speed

Colour:     Industry:  



PadLock 3-RF



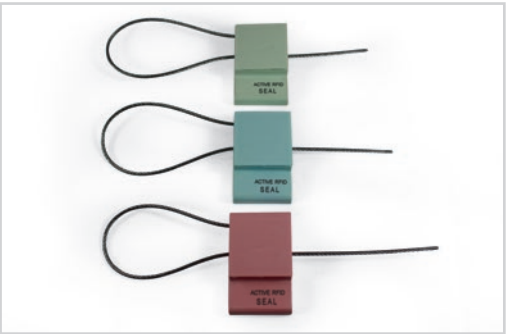
Name	Description	Product Code	Strength	Min. Order Quantity (pcs)
PadLock 3-RF	Polypropylene, Metal Steel Hasp Reading Distance: Up to 5 metres range	PL03AA	>13 kgf / [>28.7 lbs]	10,000

- Features:**
- Advanced locking mechanism
 - Polypropylene body with steel hasp
 - Embedded with UHF RFID technology
- Benefits:**
- Reduced losses through enhanced security
 - Enables visual checks against tampering
 - Suitable for more demanding applications

Colour:

Industry:

AluLock-ACTIF



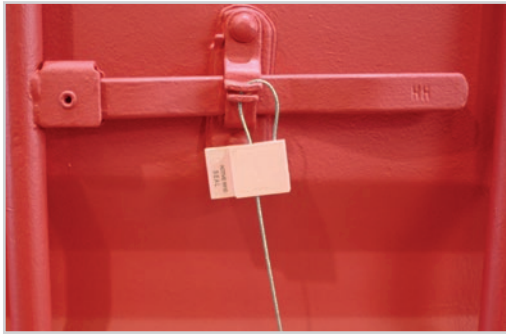
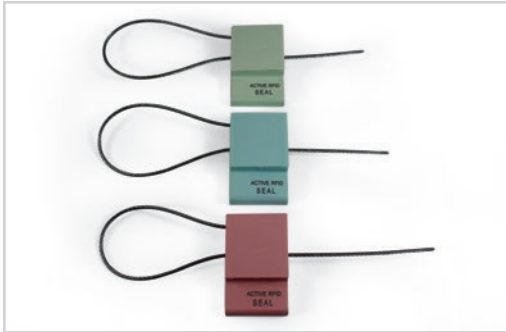
Name	Description	Product Code	Strength
AluLock - ACTIF	Ø2.5 mm x 300 mmL Battery Life: Approx. 5 years Reading Distance: Approximately 5-10 metres	AR25AB	>240 kgf / [>529 lbs]

- Features:**
- Non-preformed cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
 - Galvanised steel cable, removable only with tool
 - Embedded with sensors that track the seal's state
 - Embedded with Active UHF RFID technology
- Benefits:**
- Prevents tampering by cable cutting and reusing of seal
 - Suitable for securing valuables for long periods of time
 - Provides tracking of time, location, by recording and storing data when tampered

Colour:

Industry:

AluLock-RF



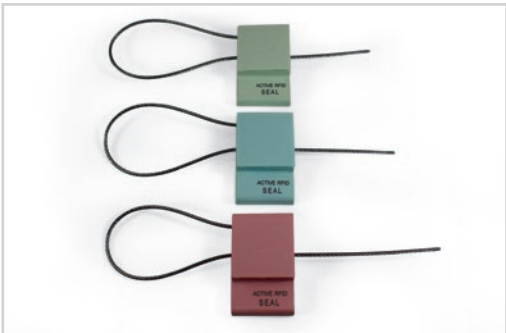
Name	Description	Product Code	Strength
AluLock-RF	Ø2.5 mm x 300 mmL Reading Distance: Approximately 3-5 metres	AR25AC	>240 kgf / [>529 lbs]

- Features:**
- Non-preformed cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
 - Galvanised steel cable, removable only with tool
 - Embedded with UHF RFID technology
- Benefits:**
- Detect tampering by cable cutting and reusing of seal
 - Suitable for securing valuables for long periods of time
 - Used to secure import/export goods worldwide
 - Provides tracking by recording and storing data when tampered

Colour:

Industry:

AluLock-RF433



Name	Description	Product Code	Strength
AluLock -RF433	Ø2.5 mm x 300 mmL Battery Life: Storage - 2 years Usage period - 60 to 80 days Reading Distance: Approximately 50 metres	AR25AA	>240 kgf / [>529 lbs]

- Features:**
- Non-preformed cable unravels when cut providing visual evidence of tampering to prevent seal from being re-used
 - Cable size comes standard in Ø2.5mm, with customisable cable length
 - Galvanised steel cable, removable only with tool
 - Embedded with 433MHz RFID technology
- Benefits:**
- Detect tampering by cable cutting and reusing of seal
 - Suitable for securing valuables for long periods of time
 - Provides tracking when tampered

Colour:

Industry:

Effective security sealing protocol

For security seals to be effective, they have to be incorporated into an integrated security program. Companies are advised to develop a written framework detailing key responsibilities and duties of the assigned personnel who will be handling the seals. Constant monitoring and proper documentation of the distribution of security seals will ensure that your brand and reputation is protected against pilferage and theft.



Procurement

The selection of a suitable security seal should be based on key factors such as current security practices, value of assets in transit, types of sealing application and environmental considerations. For effective tracking of inventory, customers are able to select from a variety of printing options and standard seal colours to customise a unique product for the required application.



Storage

Upon arrival at the designated location, the seals have to be visually inspected to ensure that they have not been compromised en route. Once confirmed, the seals should be stored in a secure area that is only accessible by authorised personnel. The appointed seal custodian should be in charge of ensuring that details of the incoming seal inventory are recorded in a log.



Installation

The retrieval of seals from the storage area should be restricted to authorised personnel who will maintain a log of outbound seals. Information regarding time of release, seal description, application, vehicle number and identity of the person installing the seals has to be recorded before the security seal is allowed to leave the storage location.



Inspection

Only users who have been trained on proper installation method should be allowed to operate the security seal. Prior to application, the user should conduct visual inspection of the seal and locking area. Once a 'click' sound is heard when the seal is locked, gently pull the seal apart to ensure that the locking mechanism has been properly engaged.



Removal

Upon arrival at the destination the seal has to be visually inspected for any irregularities or tamper marks. Users should gently pull the seal apart to ensure that the locking mechanism has not been compromised. Any errors or discrepancies should be reported and documented with photographs or video immediately.



Disposal

Seals should be destroyed after use to prevent fraudulent use of old seals to tamper with other seals of the same model. Methods of destruction such as crushing and cutting will ensure that the locking mechanism and marking of the seal are no longer distinguishable after use.

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