

SECURITY IS KEY TO SUCCESS

ABLOY



ABLOY® PADLOCKS



SECURITY IS THE KEY TO SUCCESS

Everyone needs to be secure. Governments, companies, organizations and private individuals.

Criminal acts, violence and breakdowns in information transfer, production and distribution occur increasingly often in everyday life – good reason to ensure that there are no gaps in your security. Everyone can then concentrate on what is most important to them. Without having to worry.



"Padlocks supplied have exceeded our expectations

due to its hardiness, durability, and its capability of locking plan ring into a system. They accommodate perfectly to our climate conditions in the canary island, i.e. sea salt, humidity, and high temperatures."

–[illegible] High Power Network

"Reliable, durable, and high security

due to the unique disc cylinder, our padlocks have met our needs and performed well in a range of weather extremes from coast to coast."

– Chris Cooper, Nicobi Chief Security Office.





The operational reliability of Abloy's unique detainer disc mechanism has been tested both in the laboratory and in demanding locations all over the world.



THE SAME KEY OPERATES ALL LOCKS

Thanks to the patented detainer disc mechanism, different sizes of ABLOY padlocks can – if required – be operated with a single key.

This enables complete solutions. The key operating padlocks can also be used to secure doors, items of furniture and cabinets. Significant reductions can be achieved in both the number of keys required and associated costs.

The ABLOY key system can offer up to 1.97 billion key differs. This means that everyone living in Europe and the Americas could be allocated a unique ABLOY key with individual access rights.



EXTRA BENEFITS FROM THE DETAINER DISC SYSTEM

In the PROTEC² CLIQ system administration, key programming and changes to access rights can be carried out at any location anywhere in the world. Need for mechanical re-keying is minimized, as lost keys can be deactivated or reactivated when found.





HIGH WEATHER RESISTANCE

The SUPER WEATHER PROOF (SWP) padlock range is an excellent example of the proactive way in which Abloy Oy and its customers interact.

Developed in response to customer feedback, the SWP range is designed for use where padlocks must resist extreme cold and excessive amounts of dirt, locations in which traditional solutions fall short. SWP padlocks feature an extremely tight, no compromise construction. The weather seal cap and other innovative proactive measures mean that they exceed IP68 requirements for no ingress of dust and continuous immersion in water.

SWP padlocks can also be components in an PROTEC² CLIQ system. This solution is ideally suited to large-scale applications requiring both access management and flexibility in handling access rights.

SWP SWP CLIQ





PL362

Abloy's strongest padlock

For applications where maximum security is required. Case hardened steel body with raised shoulders and a replicated cylinder. Typical applications include containers, railway wagons, trucks, heavy sliding doors and military uses.

PL362 padlock is equipped with a 15 mm diameter, case hardened boron steel shackle.

16 15 14 13 12 11

ABLOY Grade 6 padlocks meet the requirements of the following standards: EN 12320 Grade 6, BSI 1654 Grade 5







PL350

Extra strong steel padlock for demanding applications

SWP

Case hardened steel body provides rough protection for high security applications including shipping containers, railway wagons, trucks, and warehouses.

PL350 padlocks are equipped with a 14 mm diameter, case hardened boron steel shackle.

16 15 14 13 12 11

Alloy Grade 3 padlocks meet the requirements of the following standards: EN 12320 Grade 3, BS EN 1303:2015 Grade 1

PL342

Strong, case hardened steel padlock with protected shackle

The extended case hardened steel body surrounding the shackle makes this padlock virtually impregnable against attack by cutting and prying tools. suitable for heavy sliding doors, railway wagons, trucks and warehouses.

PL342 padlocks are equipped with a 10 mm diameter, case hardened boron steel shackle.

16 15 14 13 12 11



PL340

SWP

Tough, surface hardened steel padlock

extra-strong padlocks for applications where high security is required. suitable for construction equipment, tractor trailers and remote storage areas, trucks, storage bins, roller shutter doors, motorcycles and warehouses. The case hardened steel body is highly resistant to all types of physical attack.

PL340 padlocks are equipped with a 10 mm diameter, hardened boron steel shackle.

16 15 14 13 12 11

Alloy Grade 1 padlocks meet the requirements of the following standard: EN 12320 Grade 1, BS EN 1303:2015 Grade 3





PL341

Tough brass padlock with chrome finish

A strong padlock for the doors, windows and gates of storage facilities, trailers, protective bars, storage lockers, boats, roller-shutter doors and similar applications.

PL341 padlocks feature a 10 mm diameter, case hardened boron steel shackle.



PL330

SWP

Medium strength brass padlock with chrome finish

An all purpose padlock of durable construction for storage doors, motorcycles, gates, trailers, power station switches and similar applications.

PL330 padlocks feature an 8 mm, hardened boron steel shackle. They are also available with non sparking brass or stainless steel shackle. PL330/100 is not rated for a security grading.

ABUS Grade 3 padlocks meet the requirements of the following standards: EN 12320 Grade 3, BS EN 12320 Grade 3

PL320

Brass padlock with chrome finish for everyday use

A multi purpose padlock ideal for cash boxes, tool boxes, storage cabins, light machinery and lockers.

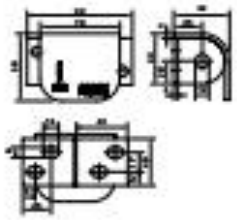


STAPLE



PL200, PL202

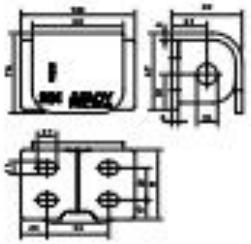
- 12 mm shackle hole
- Grade 3
- PL200 for right-handed doors
- PL202 for left-handed doors
- For frame fixing
- Zinc-plated, polyester-coated case-hardened steel
- Fixing screws included





PL201, PL203

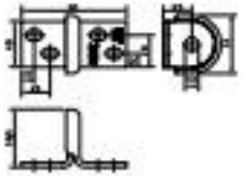
- 18 mm shackle hole
- Grade 4
- PL201 for right-handed doors
- PL203 for left-handed doors
- For frame fixing
- Zinc-plated, polyester-coated case-hardened steel
- Fixing screws included





PL204

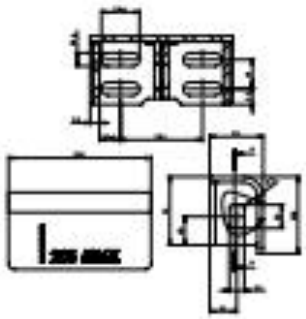
- 12 mm shackle hole
- Non-handed
- For frame fixing
- Zinc-plated, polyester-coated case-hardened steel
- Fixing screws included





PL205, PL206

- 21 mm shackle hole
- Grade 6
- PL205 for right-handed doors
- PL206 for left-handed doors
- For frame fixing
- Zinc-plated, polyester-coated case-hardened steel
- Fixing screws included





COVERS

808248 Duo cover PL330
805649 Duo cover PL340, PL341, PL343



413391 Body cover (orange) PL330
931033 Body cover (orange) n PL340
932714 Body cover (orange) PL350

Available with different colors.



928615 Shackle cover (black) PL340
928616 Shackle cover (black) PL350
928673 Body and shackle cover (black) PL340
928672 Body and shackle cover (black) PL350



CHAINS



Attachment chain (length 260 mm) makes it easier to ensure that a padlock does not get mislaid while the object that is secured is open. These chains must not be used as part of a security installation.

Available chains:

825900 for a 8 mm shackle.
825280 for a 10 mm shackle.
G0007738 for a 14 mm shackle.

PROVEN DURABILITY

ABLOY® padlocks have been designed and manufactured to not only meet the requirements of the EN12320 padlock standard, but exceed as the requirements of our own tests are significantly higher.

Abloy Oy has paid particular attention in design of environmentally friendly production methods.

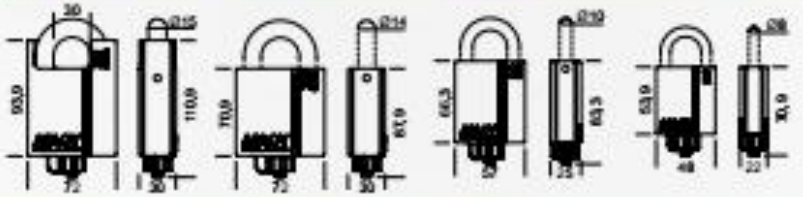
As a result we use the most modern and environmentally friendly surface plating facility in Finland.

SECURITY GRADES ACCORDING TO THE EN12320 PADLOCK STANDARD							
requirements	unit:	1	2	3	4	5	6
Minimum number of drifters		300	1000	2500	5000	10 000	20 000
Pulling of shackle/staple	kN	3	5	10	20	70	100
Twisting of shackle/staple	Nm	40	100	300	600	1 200	6 000
Cutting of shackle/staple	kN	8	15	20	70	70	70
Blow on shackle/staple (straight/go height/mm) Test temperature	dh times			1 250 x 800 +20°C	2 000 x 1 000 -20°C	6 000 x 1 400 -40°C	7 150 x 1 500 -40°C
Blow on back body (straight/go height/mm) Test temperature	dh times			1 250 x 800 +20°C	2 000 x 1 000 -20°C	6 000 x 1 400 -40°C	7 150 x 1 500 -40°C
Load on cylinder plug on locking mechanism	kN			4	8	10	15
Cladding	mm				2	4	8
Bearing	mm				2	4	8
Torque resistance of cylinder plug	mm		2,5	5	10	20	30

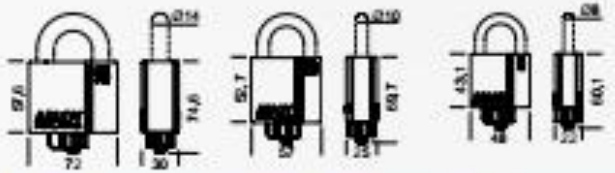


DIMENSION DRAWINGS

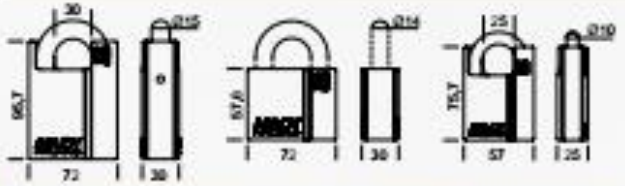
PLLW362 PLLW350 PLLW340 PLLW330



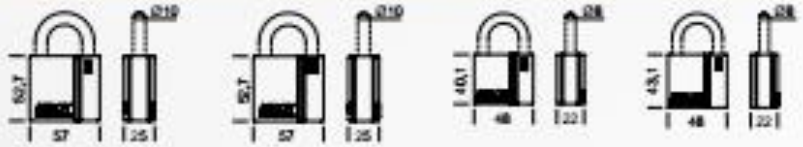
PLM350 PLM340 PLM330



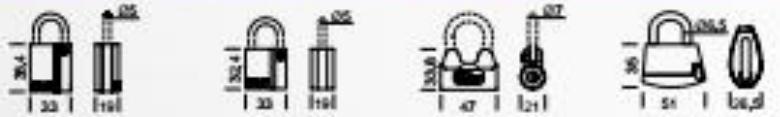
PL362 PL350 PLI350 PL342



PL341 PL340 PLI340 PL330 (C,N,Z,B) PL330 (T,U) PLI330



PL321 PL320 3020 3022 PL318





MODEL		BODY		SHACKLE					
		MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT	DIAMETER	WIDTH	CYLINDER OPTIONS
Product code	EN								
PL (standard)									
PL308 / 25	-1)	Plastic / zinc	-	Steel		30	6,5	31	C
PL3031 / 70	-1)	Brass	-	Case-hardened/tarnish steel	Chrome	70	7	33	C
PL3035 / 35	2	Brass	-	Case-hardened/tarnish steel	Chrome	35	7	28	C
PL330 / 25	-1)	Brass	Chrome	Stainless steel	-	25	5	28	C
PL330 / 50	-1)	Brass	Chrome	Stainless steel	-	50	5	28	C
PL331 / 25	-1)	Brass	Chrome	Stainless steel	-	25	5	28	C,I,R,T
PL331 / 50	-1)	Brass	Chrome	Stainless steel	-	50	5	28	C,I,R,T
PL332 / 25	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	8	28	C,I,R,T
PL332 / 25	-1)	Brass	Chrome	Brass	-	25	8	28	C,I,R,T
PL332 / 25	-1)	Brass	Chrome	Stainless steel	-	25	8	28	C,I,R,T
PL332 / 50	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	8	28	C,I,R,T
PL332 / 50	-1)	Brass	Chrome	Stainless steel	-	50	8	28	C,I,R,T
PL332 / 100	-1)	Brass	Chrome	Case-hardened/tarnish steel	Chrome	100	8	28	C,I,R,T
PL332 / 100	-1)	Brass	Chrome	Stainless steel	-	100	8	28	C,I,R,T
PL340 / 25	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	C,I,R,T
PL340 / 50	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	C,I,R,T
PL342 / 25	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	C,I,R,T
PL342 / 50	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	C,I,R,T
PL343 / 25	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	C,R,T
PL350 / 25	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	14	30	C,I,R,T
PL350 / 50	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	14	30	C,I,R,T
PL351 / 25	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	18	30	R,T
PLS (shackle sealed)									
PLS330 / 25	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	8	28	I,R,T
PLS330 / 50	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	8	28	I,R,T
PLS340 / 25	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	I,R,T
PLS340 / 50	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	I,R,T
PLS350 / 25	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	14	30	I,R,T
PLS350 / 50	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	14	30	I,R,T
PLM (shackle sealed and weather seal cap)									
PLM330 / 25	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	8	28	I,R,T
PLM330 / 50	3	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	8	28	I,R,T
PLM340 / 25	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	I,R,T
PLM340 / 50	4	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	I,R,T
PLM350 / 25	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	14	30	I,R,T
PLM350 / 50	5	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	14	30	I,R,T
PLU (shackle sealed and weather seal cap (UPSIDE PROTECH CLIQ))									
PLU330 / 25	-1)	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	8	28	CLIQ/T
PLU330 / 50	-1)	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	8	28	CLIQ/T
PLU340 / 25	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	CLIQ/T
PLU340 / 50	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	CLIQ/T
PLU342 / 25	-1)	Brass	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	CLIQ/T
PLU342 / 50	-1)	Brass	Chrome	Case-hardened/tarnish steel	Chrome	50	10	28	CLIQ/T
PLU343 / 25	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	10	28	CLIQ/T
PLU350 / 25	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	14	30	CLIQ/T
PLU350 / 50	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	50	14	30	CLIQ/T
PLU351 / 25	-1)	Case-hardened steel	Chrome	Case-hardened/tarnish steel	Chrome	25	18	30	CLIQ/T
Displays									
PL000	3	Case-hardened steel	Powder paint	-	-	-	-	-	
PL001	4	Case-hardened steel	Powder paint	-	-	-	-	-	
PL003	3	Case-hardened steel	Powder paint	-	-	-	-	-	
PL003	4	Case-hardened steel	Powder paint	-	-	-	-	-	
PL004	-1)	Case-hardened steel	Powder paint	-	-	-	-	-	
PL005	5	Case-hardened steel	Powder paint	-	-	-	-	-	
PL006	5	Case-hardened steel	Powder paint	-	-	-	-	-	

*1) Standard EN12320 not applicable PLU = shackle sealed PLM = shackle sealed and weather seal cap



ABLOY

Part of ASSA ABLOY



COMPASS
TECHNOLOGY

Your Trusted Partner in
Integrated Systems Solutions

sales@compasstechnology-mu.com
eng@compasstechnology-mu.com