



## Pipe Marking

## Lockout / Tagout



# About BRADY



Once you have worked with Brady, our name will stick with you, (just like our labels) because BRADY is one of the world's leading labelling and identification specialists.

## Innovative

At BRADY we continue to improve. We have many customers from all industries, and we strive to be ahead of their needs by continuing to invest in research for even more performant solutions. By developing more user-friendly and efficient concepts, we give our thousands of customers the best in the market.

## Strength

At BRADY, we believe our biggest strength is the wide range of identification and safety solutions we can offer our customers, whether it's labelling the smallest component or complete signage for an entire warehouse. We're also proud to offer many products and services - from printers, scanners and software to service contracts and on-site training - that compliment any identification job. And don't forget, our wide network of expert distributors can always offer you a tailor-made solution to meet your specific requirements.

## Trust

For almost hundred years, BRADY has been connected with quality, trust and stability. We demand the best for your products and services, because we know, better than anyone, the importance of good and reliable identification. Identification looks like a small detail, but every professional knows that this kind of detail is crucial to any business.

## Inform

We also have specialised dealers in your region, who can answer all your identification and labelling questions, specific to your activity. They will be happy to provide you with all kinds of options and solutions with no obligation.



Brady products are sold on the condition that the purchaser will test them in actual use and determine for himself/herself their suitability to his/her intended purpose. Brady warrants to the purchaser that Brady products are free from defects in material and workmanship but limits its obligation under this warranty to the replacement of the product which has been shown to Brady's satisfaction to have been defective at the time of its purchase.

The warranty does not extend to any persons who have acquired the product from the purchaser. It is in lieu of any other warranty, including every warranty of sale-ability, marketability or suitability for the intended purpose, and is also in lieu of any other obligation or liability on the part of Brady.

Under no circumstances will Brady be liable for losses, damage, costs or subsequent damage of whatever nature which may arise in connection with the use of, or inability to use, Brady's products.



Pipe Marking  
Page 1 > 18



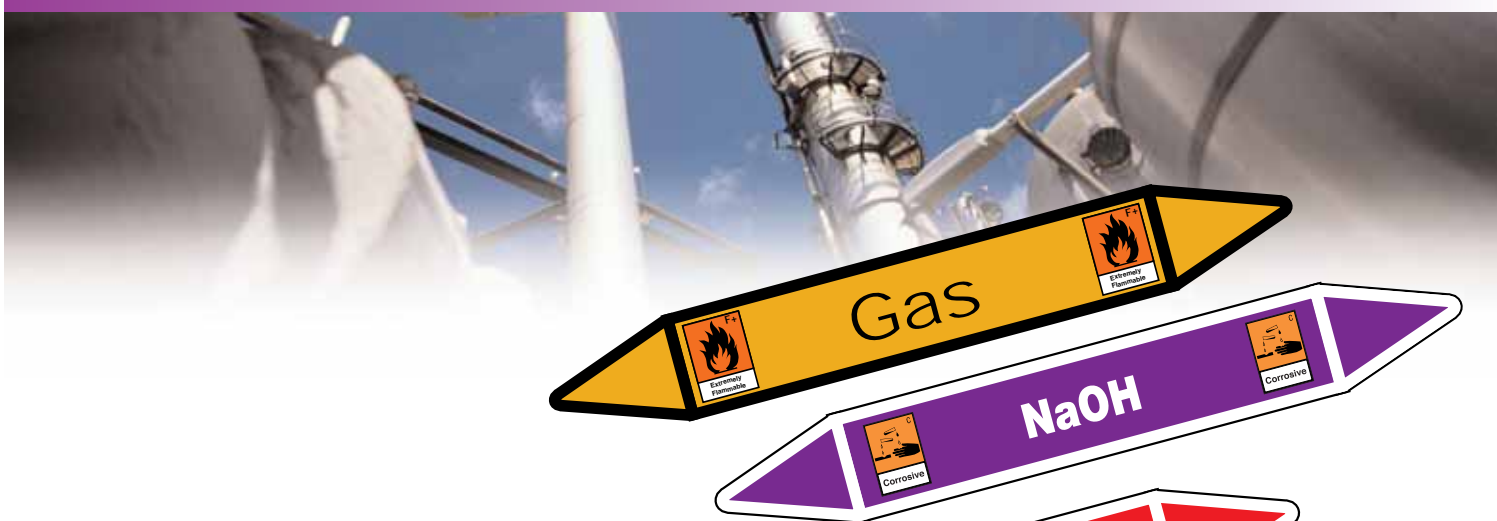
Lockout /  
Tagout  
Page 19 > 48



# Pipe Marking

Why identify pipes . . . . .	P2	XXL Markers . . . . .	P6	Symbols on rolls . . . . .	P8
Product Information . . . . .	P3-4	10-Year Outdoor Markers . . . . .	P6	Standard Range Markers . . . . .	P9
Customized Pipe Markers . . . . .	P4	Mini Markers / Maxi Markers . . . . .	P7	Linerless Markers . . . . .	P12
How to apply . . . . .	P4	Directional Flow Arrow Tape . . . . .	P7	Marine Pipe Markers . . . . .	P14
Overview . . . . .	P5	Pipe Banding Tape . . . . .	P7	Valve Marking . . . . .	P16
Write-on Markers . . . . .	P6	BRADY Snap-On™ . . . . .	P8	Customize-it Pipe Marking . . . . .	P18

# Pipe Marking: Legislation



## Why identify pipes?

### Meet the Regulation Standards!

The Health and Safety Signs Regulations (1.4.96) require all employers to identify any pipes conveying dangerous substances. Several norms exist across Europe, which indicate how pipes should be identified. The main difference in the new regulations is that pipes transporting dangerous and hazardous substances must be identified with the relevant danger symbol and the name of the hazardous or dangerous substance.

### Safety first!

Unmarked pipes are a danger to both life and property. Accidents, injuries and damage to equipment can be caused by people not knowing what individual pipes contain.

### The economical choice!

By correctly identifying pipes, errors can be prevented. Accidents caused by negligence lead to both physical and psychological grief and often cost companies large amounts of money.

### Save time!

The correct identification of pipes ensures a better insight into a building's structure - and gaining such an insight with speed and clarity is of vital importance for new employees and temporary staff. It will also make maintenance work easier and prevent time-consuming searches. If an accident does occur, correct identification can help to save valuable time - and even lives.



## Brady offers you:

### A wide range

Over 300 different standard legends are available in several sizes and layouts. This standard range covers the most frequently used industrial substances. In the unlikely event that your particular needs do not appear in this range, don't worry: Brady will customise markers to your personal requirements.

### Quality

The self-adhesive markers are made from polyester film, laminated with a crystal clear polyester over-laminate (B-7541). This over-laminate has a very high resistance to chemicals, ultraviolet rays and extreme weather conditions and ensures your pipe marker will stay in place and readable for 5 to 8 years.

**NEW:** Brady now also offers a very high quality material (B-7529) for pipe marking that resists more than 10 year outdoor use. This material can be used in extremely harsh outdoor environments.

### Flexibility

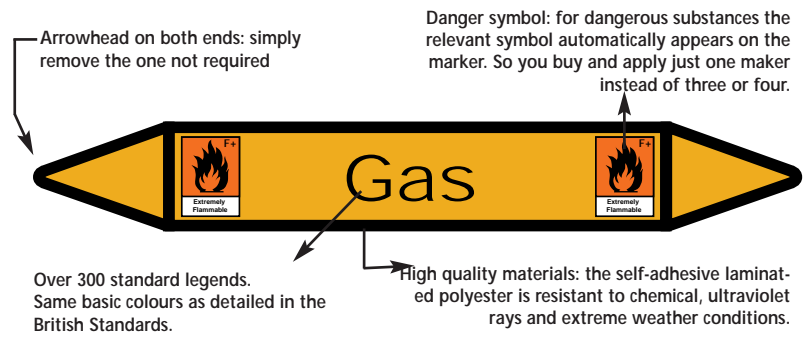
All markers are available per card, even customized markers made within the standard colour and size parameters. You can save money on large orders by combining different legends within the same size.

### Standardisation

By using Brady markers to identify the pipes within your company, you can rest assured that the results will be both uniform and in accordance with the Health and Safety Regulations.

## Individual markers with die cut arrowheads

Available in three sizes. Danger and hazard symbols, if relevant and necessary, are automatically printed either side of the text. This saves you having to identify the appropriate symbol. Markers are printed with a contrasting border in the same colour as the text for improved visibility.



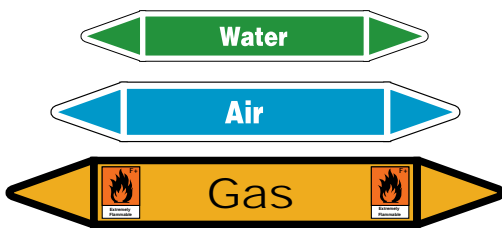
### Format LAYOUT 1

Size (H x W) (mm)

Character height (mm)

Presentation

Pipe diameter (mm)



26 x 200

12,5

Card (3 markers/card)

25 – 27

37 x 284

20

Card (3 markers/card)

40 – 83

52 x 402

25

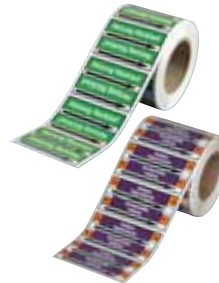
Card (2 markers/card)

83 – 115



## Roll form pipe markers for identifying pipes under 70 mm in diameter : LAYOUT 3

Format	Size (mm x m)	Markers per roll	Character height (mm)
--------	---------------	------------------	-----------------------



100 mm x 33 m 471 8  
(no danger symbols)

127 mm x 33 m 471 8  
(danger symbols included)

The design and layout of Brady's roll form markers ensure maximum visibility from all sides. Not only is readability improved by printing the legends in different directions, but also by the different formats available. With a roll length of 33 meters, these roll form pipe markers are produced in two formats: one for pipes under 70 mm in diameter, and another for pipes over 70 mm in diameter. Both formats come in two widths. For markers without symbols the roll width is 100 mm; with symbols the roll width is 127 mm.



**Overlap the ends of your roll form pipe markers for even better adhesion.**

## Roll form pipe markers for identifying pipes over 70mm in diameter: LAYOUT 4

Format	Size (mm x m)	Markers per roll	Character height (mm)
--------	---------------	------------------	-----------------------



100 mm x 33 m 212 13  
(no danger symbols)

127 mm x 33 m 212 13  
(danger symbols included)



# Customized Pipe Marking

If you're unable to find a particular legend in our standard range, Brady will produce your required markers on demand!

Pricing applies to pipe markers meeting the following conditions:

- The customized marker is ordered within the standard sizes.
- The colours of the customized marker are within the existing range of group and text colours.
- Maximum number of danger symbols: two (to be selected by the customer).
- If a large number of customized legends are required, we request that you provide us with these legends on an Excel spreadsheet. This will speed up delivery of your tailor-made markers!
- Maximum number of characters: see table below.



Size (H x B)	Unit	Max. number of characters With Symbols	Max. number of characters Without Symbols
26 x 200 mm	Card (3/card)	21	29
37 x 284 mm	card (3/card)	21	29
52 x 402 mm	card (2/card)	21	29
100 mm x 33 m	Roll	-	36
127 mm x 33 m	Roll	32	-



On the last page of this chapter you will find a Custom Pipe Marker Order Form.

## How to apply?



1. Cut off superfluous arrow and apply marker to pipe.
2. Remove marker from liner.
3. Apply marker to pipe, but overlap the ends of your roll form pipe markers for better adhesion.

## Basic identification colours

British Standard BS1710 (Part 1. 1980) divides the different media into groups and classes, and assigns a specific colour to each group or class. This colour is specified by a British Standard colour reference which serves both as an identification and as a means to ensure that correct colour matches are achieved from the wide variety available.



Colour Combinations	RAL code	BS 4800 Colour Code
Water	6010	12 D 45
Steam	9006	10 A 03
Combustible Liquids	8001	06 C 39
Gas	1006	08 C 35
Acids and Alkalis	4001	22 C 37
Air	5012	20 E 51
Other Liquids	9005	00 E 53
Electrical services and ventilation ducts	2003	06 E 51
Fire Fighting	3000	04 E 53

## MAINTENANCE TIP

- The Signs & Signals Regulations recommend that markers should be mounted on all visible sides of the pipe, the markers should be of durable construction and should be used in conjunction with pictograms where recommended.
- The area that the pipe marker is applied to should be clean, dry and free from grease and dirt
- Where pipes are very dirty or badly corroded - use the Brady Snap-on™, which snaps around the pipe and requires no preparation

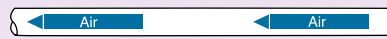
## European Standard Pipe Markers

### Reinforce safety and aid maintenance

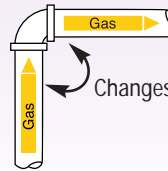
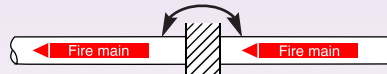
- Conform to RAL European standard colour coding.
- Chemical symbols conform European Directives 67/548 and 88/379.
- UV-resistant; will withstand temperatures from -40°C to +120°C.
- Available in 7 styles and more than 335 legends.

## Application

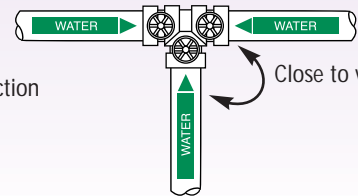
At frequent intervals on straight pipe runs.



Where pipes pass through floors and walls, mark both sides.



Changes in direction



Close to valves

## BRADY Pipe Marking: An Overview

LAYOUT	Ø Pipe (mm)	Cards or roll	# Markers	Size	Letter height (mm)	Symbol	Max. # Characters with symbol	Max. # Characters without symbol
<b>LAYOUT 1</b>								
	25 – 27	card	3	26 mm x 200 mm	12,5	with/without	21	29
	40 – 83	card	3	37 mm x 284 mm	20	with/without	21	29
	80 – 115	card	2	52 mm x 402 mm	25	with/without	21	29
<b>MINI MARKERS</b>								
	6 – 20	card	5	12 mm x 150 mm	6,5	with/without	15	17
<b>LAYOUT 3</b>								
	< 70	roll	471	100 mm x 33 m	8	without	–	36
	< 70	roll	471	127 mm x 33 m	8	with	32	–
<b>LAYOUT 4</b>								
	> 70	roll	212	100 mm x 33 m	13	without	–	36
	> 70	roll	212	127 mm x 33 m	13	with	32	–
<b>MAXI MARKERS</b>								
	350	roll	55	225 mm x 15 m	19	with/without	25	30
	350	roll	120	225 mm x 33 m	19	with/without	25	30
<b>XXL MARKERS</b>								
	250	a piece	1	95 mm x 980 mm	55	with/without	15	18
<b>ARROW TAPE</b>								
	–	roll	1300 arrows	25 mm x 33 m	20 x 7 (arrow)	–	–	–
	–	roll	1300 arrows	50 mm x 33 m	40 x 12 (arrow)	–	–	–
	–	roll	1300 arrows	100 mm x 33 m	80 x 15 (arrow)	–	–	–
<b>PIPE BANDING TAPE</b>								
	–	roll	–	25 mm x 33 m	–	–	–	–
	–	roll	–	50 mm x 33 m	–	–	–	–
	–	roll	–	100 mm x 33 m	–	–	–	–
<b>SYMBOLS</b>								
	–	roll	500	50 mm x 33 m	3	–	–	–
<b>LINERLESS</b>								
	25 – 57	roll	30	26 mm x 200 mm	12,5	with/without	21	29
	40 – 83	roll	30	37 mm x 305 mm	20	with/without	21	29
	80 – 115	roll	30	52 mm x 402 mm	25	with/without	21	29
<b>LAYOUT 5</b>								
	–	roll	–	127 mm x 33 m	7	without	–	30
<b>LAYOUT 6</b>								
	–	roll	–	225 mm x 15 m	7	without	–	20
<b>LAYOUT 7</b>								
	–	roll	–	225 mm x 15 m	–	without	–	–

# Pipe Marking



## Write-on Marker on card

- Colours following BS 1710.
- Can be written on easily and quickly using a permanent marker.

**Size:** 75 mm x 16 mm

**Packaging:** card (10 markers)

Part No.	Colour
225358	yellow
225351	red
225352	blue
225353	green
225354	black
225355	brown
225356	grey
225357	purple (violet)



## XXL - Pipe Markers

These giant pipe markers allow you to see at a glance all the necessary information about the fluid or gas running through a pipe. They are ideal for marking pipes that can only be viewed from a greater distance or that are too high up for smaller markers to be effective.

**Size:** 980 mm x 95 mm

**Maximum # characters:** 15 with symbols  
18 without symbols

**Character height:** 55 mm

**Material:** laminated polyester (B-7541)

**Minimum order quantity:** 1 marker



**New**

## 10-Year Outdoor Pipe Markers

Brady now offers a very high quality material (B-7529) for pipe marking that resists more than 10 year outdoor use. This material can be used in extremely harsh environments.

### Applications

- Refineries
- Oil & Gas rigs
- Chemical plants
- Wherever extended outdoor resistance is needed

### How to order?

The pipe markers in this material are available upon request. Please contact your BRADY distributor for further details.







## Mini Markers

The Mini Marker (12 x 150 mm) has been specially developed by Brady for the identification of small pipes in laboratories and hospitals. These markers, made from a thin, flexible polyester (B-7548), are available on request. They are sold by the card, with five markers per card. For technical reasons the name of the substance cannot be printed when the marker requires danger symbols.

For pipes with a diameter from 6 to 20 mm.

Quantity	Size (mm) (H x W)	Letter height (mm)	Max. # characters	
			with symbols	without symbols
5 pcs./card	12 x 150	6.5 mm	15	17



## Maxi Markers

The Maxi Marker (225 mm wide) is ideal for pipes over 350 mm in diameter. The markers are made from laminated polyester (B-7541).

Quantity on roll	Size (mm) (H x W)	Letter height (mm)	Max. # characters	
			with symbols	without symbols
55 pcs.	225 mm x 15 m	19 mm	25	30
120 pcs.	225 mm x 33 m	19 mm	25	30

## Directional Flow Arrow Tape

Use Brady arrow tape to emphasize the directional flow of pipe contents. Available in 3 sizes per standard colour.



**Length :** 33 m  
**Arrows per roll :** ± 1300  
**Material:** laminated polyester (B-7536)

Size of arrow	
25 mm:	20 x 7 mm
50 mm:	40 x 12 mm
100 mm:	80 x 14 mm

Other sizes available on demand

Width mm	Yellow /Black	Green /White	Red /White	Blue /White	Orange /Black
25	275110	275101	275102	275103	275104
50	275122	275113	275114	275115	275116
100	275124	275125	275126	275127	275128

Width mm	White /Black	Brown /White	Grey /Black	Violet /White	Black /White
25	275105	275106	275107	275108	275109
50	275117	275118	275119	275120	275121
100	275129	275130	275131	275132	275133

## Pipe Banding Tape

By colour coding a pipe you can see at a glance the substance flowing through it. Available in 3 sizes per standard colour

**Length :** 33 m  
**Material :** laminated polyester (B-7536)



Width mm	Yellow	Green	Red	Blue	Orange
25	275210	275201	275202	275203	275204
50	275222	275213	275214	275215	275216
100	275234	275225	275226	275227	275228

Width mm	White	Brown	Grey	Violet	Black
25	275205	275206	275207	275208	275209
50	275217	275218	275219	275220	275221
100	275229	275230	275231	275232	275233

# Pipe Marking

## Brady Snap-On™

Brady Snap-On is a fast and easy way to mark rusty, wet or oily pipes. The Brady Snap-On is a transparent PVC cover on which you can apply any of the markers in our range. The result is that your self-adhesive marker remains readable and well protected.

### Application

- Apply the self-adhesive marker onto the surface of the Snap-On.
- Unroll the Snap-On so that the marker is positioned in the centre.
- Snap it around the pipe and the Snap-On will return to its original shape.

### Brady Snap-On offers the following advantages:

- Easy to use: simply uncoil and snap around pipe.
- Ideal for identifying rough, wet or oily pipes.
- Great flexibility: Snap-On can be used with our full range of self-adhesive markers.
- Perfect for use in extreme cold temperatures.
- Built-in UV protection.
- Ideal for temporary or frequently changing identification.



Type	Marker size (mm) (H x B)	Suitable for a pipe diameter of (mm)	Length Snap-On (mm)	Part No.
1	26 x 200	25 - 57	228	275240
2	37 x 284	40 - 83	300	275241
3	52 x 402	83 - 115	420	275242

## Symbols on rolls

Using the right symbols when identifying pipes is a legal requirement. To upgrade your current markers to conform to these rules, or to emphasize certain hazards, Brady offers a range of symbols on a roll.

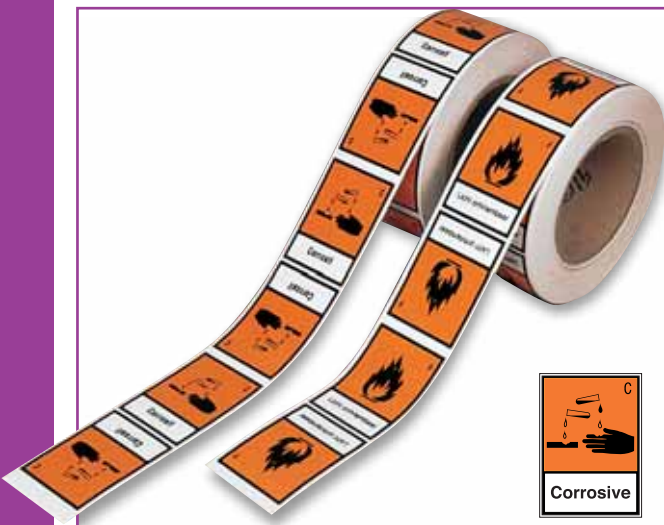
**Length of roll:** 33 m

**Width of roll:** 50 mm

**Material:** laminated polyester (B-7541)

**Number of symbols/roll:** 500

**Size of label:** 46 mm W x 64 mm H



Part No. 256990



256991



256992



256993



256994



Part No. 256995



256996



256997



256998



256999

**Very Toxic (T+):**  
May cause extremely serious short-term or long-term health risks, or even death.

**Toxic (T):**  
May cause serious short-term or long-term health risks, or even death.

**Harmful (Xn):**  
May cause limited health risks.

**Irritant (Xi):**  
A non-corrosive which could cause painful inflammation and could lead to dermatitis when in contact with the skin or the eyes.

**Oxidising (O):**  
Gives rise to highly exothermic reactions in contact with other substances, particularly flammable ones.

**Corrosive (C):**  
May cause serious burns. Even minor contact may cause skin damage.

**Highly Flammable (F):**  
May catch fire in contact with air or an ignition source, liquids with a low flash point and substances which in contact with water evolve highly flammable gases.

**Extremely Flammable (F+):**  
Liquids with extremely low flash points and low boiling points as well as gases which are flammable in contact with air at ambient temperature and pressure.

**Explosive (E)**  
May react exothermically without oxygen, evolving gases which may detonate or explode when heated.

**Hazardous for the environment (N):**  
Substances of which the use may cause harm to the environment.

# Pipe Marking: Standard Range

Text	Danger symbols	Individual marker Layout 1	Roll form markers for pipes Layout 3 Layout 4	
		Size in mm 26 x 200 37 x 284 52 x 402	<70 mm	>70 mm

Text	Danger symbols	Individual marker Layout 1	Roll form markers for pipes Layout 3 Layout 4	
		Size in mm 26 x 200 37 x 284 52 x 402	<70 mm	>70 mm



Acetylene	F+	228365	228366	228367	228368	228369
Ammonia	T	228370	228371	228372	228373	228374
Argon		228375	228376	228377	228378	228379
Bio Gas		228380	228381	228382	228383	228384
Bio Methane	F+	228385	228386	228387	228388	228389
Butene	F+	228415	228416	228417	228418	228419
Carbon Dioxide		228420	228421	228422	228423	228424
Carbon Monoxide	F+ T	228425	228426	228427	228428	228429
Chlorine	T	228435	228436	228437	228438	228439
Chloroethane	F+	228440	228441	228442	228443	228444
Chloromethane	F+ Xn	228445	228446	228447	228448	228449
CO	F+ T	228455	228456	228457	228458	228459
CO <sub>2</sub>		228460	228461	228462	228463	228464
Condensate Return		228465	228466	228467	228468	228469
Condensate		228475	228476	228477	228478	228479
Cooling Gas		228480	228481	228482	228483	228484
Cyclopropane	F+	228485	228486	228487	228488	228489
Dimethylamine	F+ Xi	228495	228496	228497	228498	228499
Drain		228500	228501	228502	228503	228504
Dry Nitrogen Gas		228505	228506	228507	228508	228509
Ethane	F+	228515	228516	228517	228518	228519
Ethylene	F+	228520	228521	228522	228523	228524
Ethylene Oxide	F+ T	228530	228531	228532	228533	228534
Fluorine	T+ C	228540	228541	228542	228543	228544
Freon		228545	228546	228547	228548	228549
Freon 21		228555	228556	228557	228558	228559
Fuel Gas		228560	228561	228562	228563	228564
Gas		228565	228566	228567	228568	228569
Gas/Air Mixture		228570	228571	228572	228573	228574
Heating Gas		228580	228581	228582	228583	228584
Helium		228585	228586	228587	228588	228589
Hydrogen	F+	228590	228591	228592	228593	228594
Hydrogen Chloride	C	228595	228596	228597	228598	228599
Hydrogen Cyanide	T+	228600	228601	228602	228603	228604
Hydrogen Sulphide	F+ T+	228605	228606	228607	228608	228609
Inert Gas		228610	228611	228612	228613	228614
Isobutane	F+	228615	228616	228617	228618	228619
Low Pressure Gas		228620	228621	228622	228623	228624
Methane	F+	228625	228626	228627	228628	228629
Mixed Gas		228630	228631	228632	228633	228634
Natural Gas		228635	228636	228637	228638	228639
Nitrogen		228640	228641	228642	228643	228644
Nitrous Oxide		228650	228651	228652	228653	228654
Oxygen	O	228655	228656	228657	228658	228659
Ozone	T+	228660	228661	228662	228663	228664
Pentane	F	228665	228666	228667	228668	228669
Propane	F+	228670	228671	228672	228673	228674
Propane Gas	F+	228675	228676	228677	228678	228679

Propene	F+	228680	228681	228682	228683	228684
Pure Gas		228685	228686	228687	228688	228689
Recycled Gas		228690	228691	228692	228693	228694
Return		228695	228696	228697	228698	228699
Sulphur Dioxide	T	228700	228701	228702	228703	228704
Vinyl Bromide	F+	228715	228716	228717	228718	228719
Vinyl Chloride	F+ T	228720	228721	228722	228723	228724

## Fire Fighting

Fire Extinguishing	228100	228101	228102	228103	228104
Fire Main	228105	228106	228107	228108	228109
Fire Protection Water	228110	228111	228112	228113	228114
Foam	228115	228116	228117	228118	228119
Sprinklers	228120	228121	228122	228123	228124

## Other Liquids

Beer	228125	228126	228127	228128	228129
Detergent	228130	228131	228132	228133	228134
Milk	228135	228136	228137	228138	228139
Radioactive Return	228140	228141	228142	228143	228144
Radioactive Supply	228145	228146	228147	228148	228149
Refrigerated Liquid	228150	228151	228152	228153	228154

## Air

Air	228155	228156	228157	228158	228159
Breathing Air	228160	228161	228162	228163	228164
Compressed Air	228170	228171	228172	228173	228174
Exhaust	228185	228186	228187	228188	228189
Exhaust Air	228190	228191	228192	228193	228194
High Pressure Air	228195	228196	228197	228198	228199
Hot Air	228200	228201	228202	228203	228204
Instrument Air	228205	228206	228207	228208	228209
Low Pressure Air	228210	228211	228212	228213	228214
Plant Air	228220	228221	228222	228223	228224
Pressurized Air	228225	228226	228227	228228	228229
Return	228235	228236	228237	228238	228239
Sterile Air	228240	228241	228242	228243	228244
Sterile Compressed Air	228245	228246	228247	228248	228249
Vacuum	228265	228266	228267	228268	228269
Vent	228270	228271	228272	228273	228274
Ventilation Air	228275	228276	228277	228278	228279
Wet Air	228280	228281	228282	228283	228284

## Water

Boiler Feed	228725	228726	228727	228728	228729
Brine	228730	228731	228732	228733	228734
Canal Water	228735	228736	228737	228738	228739



C = Corrosive



T = Toxic



T+ = Very Toxic



F = Highly Flammable



F+ = Extremely Flammable



Xn = Harmful



Xi = Irritant



E = Explosive



O = Oxidizing



N = Hazardous to the environment

# Pipe Marking: Standard Range

Text	Danger symbols	Individual marker Layout 1			Roll form markers for pipes Layout 3		Roll form markers for pipes Layout 4		Text	Danger symbols	Individual marker Layout 1			Roll form markers for pipes Layout 3		Roll form markers for pipes Layout 4	
		26 x 200	37 x 284	52 x 402	<70 mm	>70 mm	26 x 200	37 x 284			52 x 402	<70 mm	>70 mm				

Chilled water	228740	228741	228742	228743	228744
Chilled Water Return	228745	228746	228747	228748	228749
Chilled Water Supply	228750	228751	228752	228753	228754
Chlorated Water	228755	228756	228757	228758	228759
City Water	228765	228766	228767	228768	228769
Cold Feed	228770	228771	228772	228773	228774
Cold Water Return	228775	228776	228777	228778	228779
Cold Water Supply	228780	228781	228782	228783	228784
Condensate	228785	228786	228787	228788	228789
Condensate Return	228790	228791	228792	228793	228794
Condensate Supply	228795	228796	228797	228798	228799
Condenser Water	228800	228801	228802	228803	228804
Condenser Water Return	228805	228806	228807	228808	228809
Condenser Water Supply	228810	228811	228812	228813	228814
Cooling Circuit	228816	228817	228818	228819	228820
Cooling Water	228821	228822	228823	228824	228825
C. W. S.	228826	228827	228828	228829	228830
Decarbonized Water	228831	228832	228833	228834	228835
Deionized Water	228836	228837	228838	228839	228840
Demineralsed Water	228841	228842	228843	228844	228845
Distilled Water	228846	228847	228848	228849	228850
Domestic Cold Water	228851	228852	228853	228854	228855
Domestic Hot Water Flow	228856	228857	228858	228859	228860
Domestic Water	228861	228862	228863	228864	228865
Drain	228866	228867	228868	228869	228870
Drain Water	228871	228872	228873	228874	228875
Drinking Water	228876	228877	228878	228879	228880
Filtered Water	228881	228882	228883	228884	228885
Fresh Water	228886	228887	228888	228889	228890
Hard Water	228891	228892	228893	228894	228895
Heating	228896	228897	228898	228899	228900
Heating Return	228901	228902	228903	228904	228905
Heating Supply	228906	228907	228908	228909	228910
Heating Water	228911	228912	228913	228914	228915
High Pressure Water	228916	228917	228918	228919	228920
Hot Water	228921	228922	228923	228924	228925
Hot Water Return	228926	228927	228928	228929	228930
Hot Water Supply	228931	228932	228933	228934	228935
Industrial Water	228946	228947	228948	228949	228950
Low Pressure Water	228951	228952	228953	228954	228955
Mains Water	228956	228957	228958	228959	228960
Mineral Water	228966	228967	228968	228969	228970
Non-Drinking Water	228971	228972	228973	228974	228975
Plant Water	228976	228977	228978	228979	228980
Polluted Water	228986	228987	228988	228989	228990
Primary Circuit	228991	228992	228993	228994	228995
Process Water	228996	228997	228998	228999	229000
Pure Water	229001	229002	229003	229004	229005
Purified Water	229006	229007	229008	229009	229010
Raw Water	229021	229022	229023	229024	229025
Refrigeration	229026	229027	229028	229029	229030

Return	229031	229032	229033	229034	229035
River Water	229036	229037	229038	229039	229040
Roof Drain	229041	229042	229043	229044	229045
Salt Water	229046	229047	229048	229049	229050
Sanitary Drain	229051	229052	229053	229054	229055
Secondary Circuit	229061	229062	229063	229064	229065
Soft Water	229066	229067	229068	229069	229070
Sprinkler Water	229071	229072	229073	229074	229075
Supply	229086	229087	229088	229089	229090
Tank Water	229091	229092	229093	229094	229095
Towns Water	229096	229097	229098	229099	229100
Treated Water	229101	229102	229103	229104	229105
Waste Water	229106	229107	229108	229109	229110
Water	229111	229112	229113	229114	229115
Well Water	229116	229117	229118	229119	229120

## Combustible Liquids

Acetaldehyde	F+	Xn	229121	229122	229123	229124	229125	
Acetone	F		229126	229127	229128	229129	229130	
Acetonitrile	F	T	229131	229132	229133	229134	229135	
Acrylonitrile	F	T	229141	229142	229143	229144	229145	
Alcohol			229151	229152	229153	229154	229155	
Allyl Alcohol	T		229156	229157	229158	229159	229160	
Benzene	F	T	229166	229167	229168	229169	229170	
Butanol	Xn		229176	229177	229178	229179	229180	
Butanone	F	Xi	229181	229182	229183	229184	229185	
Chloromethane	F+	Xn	229186	229187	229188	229189	229190	
Crude Oil			229191	229192	229193	229194	229195	
Cyclohexane	F+		229196	229197	229198	229199	229200	
Diesel			229211	229212	229213	229214	229215	
Diesel Fuel			229216	229217	229218	229219	229220	
Diesel Oil			229221	229222	229223	229224	229225	
Emulsion			229226	229227	229228	229229	229230	
Ethanol	F		229236	229237	229238	229239	229240	
Fat			229241	229242	229243	229244	229245	
Formaldehyde	T		229246	229247	229248	229249	229250	
Freon			229251	229252	229253	229254	229255	
Freon 12			229256	229257	229258	229259	229260	
Freon 22			229261	229262	229263	229264	229265	
Freon 502			229266	229267	229268	229269	229270	
Fuel			229271	229272	229273	229274	229275	
Fuel Oil			229276	229277	229278	229279	229280	
Fuel Return			229281	229282	229283	229284	229285	
Gasoline			229296	229297	229298	229299	229300	
Glycol			229301	229302	229303	229304	229305	
Heating Oil			229306	229307	229308	229309	229310	
Hexane	F	Xn	N	229311	229312	229313	229314	229315
Hydraulic Oil			229316	229317	229318	229319	229320	
Hydraulic Power			229321	229322	229323	229324	229325	
Hydrogen Peroxide	O	C	229326	229327	229328	229329	229330	



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N = Hazardous to the environment

# Pipe Marking: Standard Range

Text	Danger symbols	Individual marker Layout 1			Roll form markers for pipes Layout 3		Layout 4	
		26 x 200	37 x 284	52 x 402	<70 mm	>70 mm	<70 mm	>70 mm

Text	Danger symbols	Individual marker Layout 1			Roll form markers for pipes Layout 3		Layout 4	
		26 x 200	37 x 284	52 x 402	<70 mm	>70 mm	<70 mm	>70 mm

Kerosene	F+	229336	229337	229338	229339	229340
Lube Oil		229341	229342	229343	229344	229345
Lubricating Oil		229346	229347	229348	229349	229350
Methanol	F T	229351	229352	229353	229354	229355
Methyl Acetate	F	229356	229357	229358	229359	229360
Mineral Oil		229361	229362	229363	229364	229365
Motor Oil		229366	229367	229368	229369	229370
Oil		229381	229382	229383	229384	229385
Paraffin		229386	229387	229388	229389	229390
Pentane	F	229391	229392	229393	229394	229395
Pentanone	F	229396	229397	229398	229399	229400
Petrol		229401	229402	229403	229404	229405
Propanol	F	229406	229407	229408	229409	229410
Propene	F+	229411	229412	229413	229414	229415
Refrigerant 12		229426	229427	229428	229429	229430
Refrigerant 22		229431	229432	229433	229434	229435
Residue		229441	229442	229443	229444	229445
Solvent		229446	229447	229448	229449	229450
Tetrachloroethylene	Xn	229451	229452	229453	229454	229455
Thinner		229456	229457	229458	229459	229460
Toluene	F Xn	229461	229462	229463	229464	229465
Trichloroethane	Xn N	229466	229467	229468	229469	229470
Trichloroethylene	Xn	229471	229472	229473	229474	229475
Unleaded Petrol		229481	229482	229483	229484	229485
Used Solvents		229486	229487	229488	229489	229490
Waste Oil		229491	229492	229493	229494	229495
White Spirit		229496	229497	229498	229499	229500
Xylene	Xn	229501	229502	229503	229504	229505

Alkali		229526	229527	229528	229529	229530
Allylamine	F T	229531	229532	229533	229534	229535
Ammonia	C	229536	229537	229538	229539	229540
Ammonia Solution	C	229541	229542	229543	229544	229545
Anhydrous Ammonia	T	229546	229547	229548	229549	229550
Aniline	T	229551	229552	229553	229554	229555
CaOH	C	229561	229562	229563	229564	229565
Carbon Disulphide	F T	229566	229567	229568	229569	229570
Caustic	C	229571	229572	229573	229574	229575
Chlorosulphonic Acid	C	229581	229582	229583	229584	229585
Citric Acid		229586	229587	229588	229589	229590
Concentrate		229591	229592	229593	229594	229595
Dichloroacetic Acid	C	229596	229597	229598	229599	229600
Diluted Acid		229601	229602	229603	229604	229605
Diluted Sulphuric Acid	C	229606	229607	229608	229609	229610
Dimethylamine	F+ Xi	229611	229612	229613	229614	229615
Drain (Acid)		229616	229617	229618	229619	229620
Drain (Alkali)		229621	229622	229623	229624	229625
Ethylamine	F+ Xi	229626	229627	229628	229629	229630
Formic Acid	C	229642	229643	229644	229645	229646
HCl	C	229652	229653	229654	229655	229656
Hydrobromic Acid	C	229662	229663	229664	229665	229666
Hydrochloric Acid	C	229667	229668	229669	229670	229671
Hydrogen Bromide	C	229672	229673	229674	229675	229676
Hydrogen Chloride	C	229677	229678	229679	229680	229681
Hydrogen Cyanide	T+	229682	229683	229684	229685	229686
Hydrogen Fluoride	T+ C	229687	229688	229689	229690	229691
Hydrogen Sulphide	F+ T+	229692	229693	229694	229695	229696
KOH	C	229697	229698	229699	229700	229701
Maleic Acid	Xn	229702	229703	229704	229705	229706
NaOH	C	229707	229708	229709	229710	229711
Nitric Acid	O C	229712	229713	229714	229715	229716
Oleum	C	229717	229718	229719	229720	229721
Oxalic Acid	Xn	229722	229723	229724	229725	229726
Perchloric Acid	O C	229732	229733	229734	229735	229736
Phenol	T	229737	229738	229739	229740	229741
Phosphoric Acid	C	229742	229743	229744	229745	229746
Phthalic Anhydride	Xi	229747	229748	229749	229750	229751
Potassium	F C	229757	229758	229759	229760	229761
Potassium Hydroxide	C	229762	229763	229764	229765	229766
Regenerated Acid		229767	229768	229769	229770	229771
Silver Nitrate	C	229777	229778	229779	229780	229781
Sodium Carbonate	Xi	229782	229783	229784	229785	229786
Sodium Hydroxide	C	229792	229793	229794	229795	229796
Sodium Hypochlorite	C	229797	229798	229799	229800	229801
Sodium Nitrite	O T	229802	229803	229804	229805	229806
Sulphamic Acid	Xi	229812	229813	229814	229815	229816
Sulphuric Acid	C	229817	229818	229819	229820	229821
Sulphuric Acid 96 %	C	229832	229833	229834	229835	229836



Exhaust Steam		228285	228286	228287	228288	228289
Feed		228290	228291	228292	228293	228294
High Pressure Steam		228295	228296	228297	228298	228299
H.P. Steam		228300	228301	228302	228303	228304
Industrial Steam		228305	228306	228307	228308	228309
Low Pressure Steam		228310	228311	228312	228313	228314
Medium Pressure		228315	228316	228317	228318	228319
Overheated Steam		228320	228321	228322	228323	228324
Pure Steam		228325	228326	228327	228328	228329
Return		228330	228331	228332	228333	228334
Saturated Steam		228335	228336	228337	228338	228339
Steam		228340	228341	228342	228343	228344
Steam Return		228345	228346	228347	228348	228349
Steam Supply		228350	228351	228352	228353	228354



Acetic Acid	C	229506	229507	229508	229509	229510
Acid		229516	229517	229518	229519	229520

C = Corrosive	T = Toxic	T+ = Very Toxic	F = Highly Flammable	F+ = Extremely Flammable
Xn = Harmful	Xi = Irritant	E = Explosive	O = Oxidizing	N = Hazardous to the environment

# Linerless Pipe Markers

Linerless Pipe Markers are available as individual markers and roll form markers.

**This concept offers numerous advantages:**

- Time saving!
- Save on labour cost! Just take the pipe marker from the roll and apply it: fast and easy.
- Better for our environment: not just less waste, but NO MORE waste.
- The individual markers have the extra advantage of perforated arrows, which means you no longer need scissors to remove the surplus arrow.
- All necessary symbols are printed directly onto the marker, there is no need for extra signs on top of your pipe marker.
- These linerless pipe markers comply with the latest legislation.

**Material:** laminated polyester (B-7520).

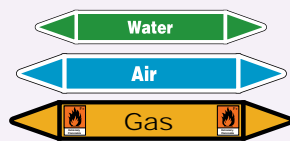
## Linerless Individual Perforated Pipe Markers

- Perforated at the end of each marker and on each arrow.

**Packaging:** 3 rolls of 10 markers or 2 rolls of 15 markers



### LAYOUT 1



Size marker	Number of markers per pack
26 x 200 mm	30 (3 rolls of 10 markers)
37 x 305 mm	30 (3 rolls of 10 markers)
52 x 402 mm	30 (2 rolls of 15 markers)

**BRADY**  
Customize-it

You can find our standard range of linerless pipe markers on the next page. Other text (i.e.: substances) can be printed on request. Minimum order quantities are: 3 rolls per different text for the sizes 26 x 200 and 37 x 305 and a minimum of 2 rolls for the size 52 x 402 mm. On special request larger rolls can be manufactured: rolls of 50, 75, 100 markers etc.

## Roll form Linerless Pipe Markers

As with the standard pipe markers, these linerless roll form pipe markers are produced in two formats: one for pipes under 70 mm in diameter and another for pipes over 70 mm in diameter.

### LAYOUT 3

Example	Sizes (mm x m)	Markers/roll	Height of text mm
	100 mm x 33 m (no danger symbol)	471	8
	127 mm x 33 m (with danger symbols)	471	8

### LAYOUT 4

Example	Sizes (mm x m)	Markers/roll	Height of text mm
	100 mm x 33 m (no danger symbol)	212	13
	127 mm x 33 m (with danger symbol)	212	13

**BRADY**  
Customize-it

**MAXI MARKERS** in B-7520 linerless laminated polyester are available on request.



# Linerless Pipe Markers: Standard Range

Text Danger symbols Individual marker Layout 1 Roll form markers for pipes Layout 3 Layout 4

Size in mm  
26 x 200 37 x 305 52 x 402 <70 mm >70 mm

Text Danger symbols Individual marker Layout 1 Roll form markers for pipes Layout 3 Layout 4

Size in mm  
26 x 305 37 x 305 52 x 402 <70 mm >70 mm



Text	Danger symbols	Individual marker	Roll form markers for pipes
Acetylene	F+	224200	224201 224202 224203 224204
Ammonia	T	224205	224206 224207 224208 224209
Argon		224210	224211 224212 224213 224214
Bio Gas		224215	224216 224217 224218 224219
Bio Methane	F+	224220	224221 224222 224223 224224
Butene	F+	224225	224226 224227 224228 224229
Carbon Dioxide		224230	224231 224232 224233 224234
Carbon Monoxide		224235	224236 224237 224238 224239
Chlorine	T	224240	224241 224242 224243 224244
CO2		224245	224246 224247 224248 224249
Condensate		224250	224251 224252 224253 224254
Drain		224255	224256 224257 224258 224259
Freon		224260	224261 224262 224263 224264
Natural Gas		224265	224266 224267 224268 224269
Nitrogen		224270	224271 224272 224273 224274
Oxygen	O	224275	224276 224277 224278 224279



Text	Danger symbols	Individual marker	Roll form markers for pipes
Fire Extinguishing		224280	224281 224282 224283 224284
Fire Main		224285	224286 224287 224288 224289
Fire Protection Water		224290	224291 224292 224293 224294
Foam		224295	224296 224297 224298 224299
Sprinklers		224300	224301 224302 224303 224304



Text	Danger symbols	Individual marker	Roll form markers for pipes
Milk		224750	224751 224752 224753 224754
Refrigerated Liquid		224755	224756 224757 224758 224759



Text	Danger symbols	Individual marker	Roll form markers for pipes
Air		224305	224306 224307 224308 224309
Breathing Air		224310	224311 224312 224313 224314
Compressed Air		224315	224316 224317 224318 224319
Exhaust		224320	224321 224322 224323 224324
Exhaust Air		224325	224326 224327 224328 224329
High Pressure Air		224330	224331 224332 224333 224334
Hot Air		224335	224336 224337 224338 224339
Instrument Air		224340	224341 224342 224343 224344
Low Pressure Air		224345	224346 224347 224348 224349
Plant Air		224350	224351 224352 224353 224354
Return		224355	224356 224357 224358 224359
Vacuum		224360	224361 224362 224363 224364
Vent		224365	224366 224367 224368 224369
Ventilation Air		224370	224371 224372 224373 224374
Wet Air		224375	224376 224377 224378 224379



Text	Danger symbols	Individual marker	Roll form markers for pipes
Canal Water		224380	224381 224382 224383 224384
Chilled Water		224385	224386 224387 224388 224389
Chilled Water Return		224390	224391 224392 224393 224394
Chilled Water Supply		224395	224396 224397 224398 224399
Chlorated Water		224400	224401 224402 224403 224404
Cold Feed		224405	224406 224407 224408 224409
Cold Water Return		224410	224411 224412 224413 224414
Cold Water Supply		224415	224416 224417 224418 224419
Condensate		224420	224421 224422 224423 224424
Condensate Return		224425	224426 224427 224428 224429
Condensate Supply		224430	224431 224432 224433 224434
Cooling Water		224435	224436 224437 224438 224439
Deminerilised Water		224440	224441 224442 224443 224444
Drain		224445	224446 224447 224448 224449
Drinking Water		224450	224451 224452 224453 224454

Text	Danger symbols	Individual marker	Roll form markers for pipes
Heating Return		224455	224456 224457 224458 224459
Heating Supply		224460	224461 224462 224463 224464
Hot Water		224465	224466 224467 224468 224469
Hot Water Return		224470	224471 224472 224473 224474
Hot Water Supply		224475	224476 224477 224478 224479
Industrial Water		224480	224481 224482 224483 224484
Mains Water		224485	224486 224487 224488 224489
Non-Drinking Water		224490	224491 224492 224493 224494
Process Water		224495	224496 224497 224498 224499
Raw Water		224500	224501 224502 224503 224504
Return		224505	224506 224507 224508 224509
Salt Water		224510	224511 224512 224513 224514
Soft Water		224515	224516 224517 224518 224519
Sprinkler Water		224520	224521 224522 224523 224524
Supply		224525	224526 224527 224528 224529
Tank Water		224530	224531 224532 224533 224534
Towns Water		224535	224536 224537 224538 224539
Treated Water		224540	224541 224542 224543 224544
Waste Water		224545	224546 224547 224548 224549
Water		224550	224551 224552 224553 224554
Well Water		224555	224556 224557 224558 224559



Text	Danger symbols	Individual marker	Roll form markers for pipes
Acetone	F	224560	224561 224562 224563 224564
Crude Oil		224565	224566 224567 224568 224569
Diesel		224570	224571 224572 224573 224574
Diesel Fuel		224575	224576 224577 224578 224579
Diesel Oil		224580	224581 224582 224583 224584
Emulsion		224585	224586 224587 224588 224589
Ethanol	F	224590	224591 224592 224593 224594
Freon 22		224595	224596 224597 224598 224599
Fuel		224600	224601 224602 224603 224604
Fuel Oil		224605	224606 224607 224608 224609
Glycol		224610	224611 224612 224613 224614
Heating Oil		224615	224616 224617 224618 224619
Hydraulic Oil		224620	224621 224622 224623 224624
Lubricating Oil		224625	224626 224627 224628 224629
Oil		224630	224631 224632 224633 224634
Refrigerant 22		224635	224636 224637 224638 224639
White Spirit		224640	224641 224642 224643 224644



Text	Danger symbols	Individual marker	Roll form markers for pipes
Exhaust Steam		224645	224646 224647 224648 224649
High Pressure Steam		224650	224651 224652 224653 224654
Low Pressure Steam		224655	224656 224657 224658 224659
Steam		224660	224661 224662 224663 224664
Steam Supply		224665	224666 224667 224668 224669
Steam Return		224670	224671 224672 224673 224674



Text	Danger symbols	Individual marker	Roll form markers for pipes
Acetic Acid	C	224675	224676 224677 224678 224679
Acid		224680	224681 224682 224683 224684
Alkali		224685	224686 224687 224688 224689
Ammonia	C	224690	224691 224692 224693 224694
Anhydrous Ammonia	T	224695	224696 224697 224698 224699
Caustic	C	224700	224701 224702 224703 224704
Hydrochloric Acid	C	224705	224706 224707 224708 224709
Nitric Acid	O C	224710	224711 224712 224713 224714
Oleum	C	224715	224716 224717 224718 224719
Phosphoric Acid	C	224720	224721 224722 224723 224724
Phtalic Anhydride	XI	224725	224726 224727 224728 224729
Sodium Hydroxide	C	224730	224731 224732 224733 224734
Sodium Hypochlorite	C	224735	224736 224737 224738 224739
Sodium Nitrite	O T	224740	224741 224742 224743 224744
Sulphuric Acid	C	224745	224746 224747 224748 224749

# Marine Pipe Marking



Marking pipes on ships and offshore sites is of the utmost importance to insure safety at all times. Accidents, injuries and damage to machines and equipment can be caused by people's ignorance of the substances that flow through pipes.

The ISO 14726 standard (International Standard Organization), specifies the principle colours for the identification of substances in pipes. ISO (DIS)14726-2 specifies additional colour codes that allow a more detailed identification of the substance.

Pipes must be marked in the following manner:

- At least once in every room.
- At each point where the pipes pass through a wall, a ceiling or floor.
- In the proximity of each valve.
- Within a distance of 3 to 5 meters, depending on the length of the pipe, where sometimes the local authorities will demand additional markers.

Arrows to indicate the directional flow are advisable.

Additional identification by usage of text will avoid any confusion regarding the content of the pipes.

For this, Brady offers you a complete solution for marking pipes on ships and offshore sites.

We offer you several solutions for marking each type of pipe on your ship, oilrigg, etc. :

## Pipe Banding Tape in principle colours

### 1 Single Colour

**Sizes:** 100 mm x 33 m – 50 mm x 33 m – 25 mm x 33 m

**Layouts:** pipe banding tapes in one colour, no text

**Part Numbers:** see page 115 in this chapter.



### 2 Two Colours

**Size:** 225 mm x 15 m

**Layout:** 7 – pipe banding tapes in two colours, no text

**Part Numbers** see next page for standard range



## Pipe Markers with text:

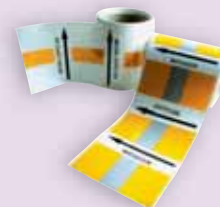
These markers in addition to primary and possibly secondary colours, indicate the directional flow of a substance, as well as its name. All this together forms a complete identification! The markers are available as roll form pipe markers in 2 versions:

### 1 Roll form marker with text and directional flow arrow – layout 5

**Size:** 127 mm x 33 m

**Layout:** 5 – text and directional flow arrow underneath the colours

**Part Numbers:** see next page for standard range



### 2 Roll form marker text and directional flow arrow – layout 6

**Size:** 225 mm x 15 m

**Layout:** 6 – one half colour coding and one half text with directional flow arrow

**Part Numbers:** see next page for standard range



All you need to order is the part number (which you can find on the next page) and the number of rolls required.




# Marine Pipe Marking: Standard Range

The ISO 14726 standard defines the principle colours for identifying pipes. Each of the following colours indicates a certain group of substances. As this is an international standard and most ships sail in international waters, all text is in English only.


Group Colour	Substance	Group colour	Substance
	Waste Media		Oils other than fuel
	Fresh Water		Steam
	Fuel		Fire fighting
	Sea Water		Acids, Alkalis
	Non-flammable gases		Air in ventilation systems
	Masses (dry and wet)		Flammable gases

Text Colours **LAYOUT 5** **LAYOUT 6** **LAYOUT 7**



Sizes: 127mm x 33m 225mm x 15m

Text Colours **LAYOUT 5** **LAYOUT 6** **LAYOUT 7**



Sizes 127mm x 33m 225mm x 15m

Waste Media				
Waste Media		226990	227051	227170
Black Water		226991	227052	227171
Waste Oil		226992	227053	227172
Bilge Water		226993	227054	227173
Exhaust gas		226994	227055	227174
Sewage		226995	227056	227175

Fresh Water				
Fresh Water		226996	227057	227176
Condensate from heating system		226997	227058	227177
Fresh water-sanitary		226998	227059	227178
Cooling fresh water		226999	227060	227179
Feed water		227000	227061	227180
Distillate		227001	227062	227181
Potable water		227002	227063	227182
Chilled water		227003	227064	227183
Condensate		227004	227065	227184

Fuel				
Fuel		227005	227066	227185
Heavy Fuel		227006	227067	227186
Liquid gas		227007	227068	227187
Petrol		227008	227069	227188
Diesel Fuel		227009	227070	227189

Sea water				
Sea Water		227010	227071	227190
Ballast water		227011	227072	227191
Cooling sea water		227012	227073	227192
Sanitary sea water		227013	227074	227193

Non-flammable gases				
Non-flammable gases		227014	227075	227194
Oxygen		227015	227076	227195
Breathing gas		227016	227077	227196
Nitrogen		227017	227078	227197
Refrigerant		227018	227079	227198
Pressure air HP		227019	227080	227199
Breathing air		227020	227081	227200

Masses				
Masses		227167	227168	227169

Oil other than fuel				
Oil other than fuel		227021	227082	227201
Used oil		227022	227083	227202
Thermal oil		227023	227084	227203
Dirty oil		227024	227085	227204
Lubricating oil		227025	227086	227205
Hydraulic oil		227026	227087	227206

Steam				
Steam		227027	227088	227207
Steam for heating		227028	227089	227208
Bleeder steam		227029	227090	227209
LP Drains		227030	227091	227210
Supply steam		227031	227092	227211
Exhaust steam		227032	227093	227212
HP Drains		227033	227094	227213

Fire fighting				
Fire fighting		227034	227095	227214
Fire-fighting fresh water		227035	227096	227215
Fire-fighting sea water		227036	227097	227216
Fire-fighting CO2 gas		227037	227098	227217
Sprinkler water		227038	227099	227218
Fire-fighting powder		227039	227100	227219
Fire-fighting foam		227040	227101	227220

Acids & Alkalis				
Acids & Alkalis		227041	227102	227221

Air in ventilation systems				
Air in ventilation systems		227042	227103	227222
Natural exhaust air		227043	227104	227223
Supply air, atmospheric		227044	227105	227224
Natural supply air		227045	227106	227225
Mechanical exhaust air		227046	227107	227226

Flammable gases				
Flammable gases		227047	227108	227227
Hydrogen		227048	227109	227228
Acetylene		227049	227110	227229
Mixture of Propane/Butane		227050	227111	227230

# Valve Marking

For a professional and uniform identification of the substances conveyed by pipes and running through valves. BRADY offers a wide range of identification tags from stock or custom made to your specifications

## Brass Identification Tags For Valves, embossed with number sequences

Round tags which have been pre-marked with black numbers, grouped in number sequences.

Size : tag diameter: 38 mm;  
hole diameter: 5 mm

Packaging: 25 tags



Sequence	1-25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
Part No.	023200	023201	023202	023203	023204	023205	023206	023207	023208	023209
Sequence	251-275	276-300	301-325	326-350	351-375	376-400	401-425	426-450	451-475	476-500
Part No.	023617	023618	023619	023620	023621	023622	023623	023624	023625	023626

## Blank Identification Tags

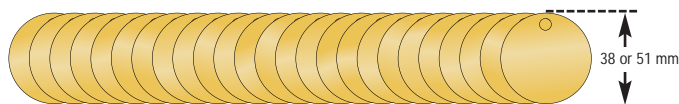
Make your own tags whenever you need them.

Blank tags which you can engrave yourself, available in brass, aluminium, copper or stainless steel. Round (Ø 38 mm or 51 mm) or square (side 38 mm or 51 mm). Hole Ø 5mm.

Packaging : 25 tags



Material	Max. T°	Shape	Size. (mm)	Part No.
Brass	648°C	Round	38	227112
		Round	51	227113
		Square	38	227114
		Square	51	227115
Aluminium	815°C	Round	38	227116
		Square	51	227117
Stainless Steel	1482°C	Round	38	227118
		Square	51	227119
Copper		Round	38	023210
		Round	51	023211
		Square	38	023212
		Square	51	023213



## Beaded chain

Length: 114 mm.  
With locking link.  
Numerous applications.

Packaging: 100 pieces.  
= minimum order quantity



Material	Part No.
Nickel plate	227120
Brass Jack	227121

## Attachment chain for valve tags in copper, brass or zinc

The length of the chain can be adjusted by opening and closing links  
± 80 links per meter.

Approximately 250 mm is enough to fasten 1 tag.



Material	Part No.	Packaging
Brass Jack	227122	10 m
Zinc	227123	10 m
Copper	023308	15 m

## Brass Identification Tags

For an efficient, durable and clean identification.

With embossed text and sequential numbering  
 Max. 6 letters and 4 numbers ; except triangular shape  
 ( side 38 mm: max. 3 letters and 3 numbers and side 51 mm: max. 4 letters and 4 numbers)  
 Number: 12 mm high; letters: 6 mm high

The embossed characters can be left natural or coloured black, depending on your choice.  
 1 line of letters and 1 line of numbers.

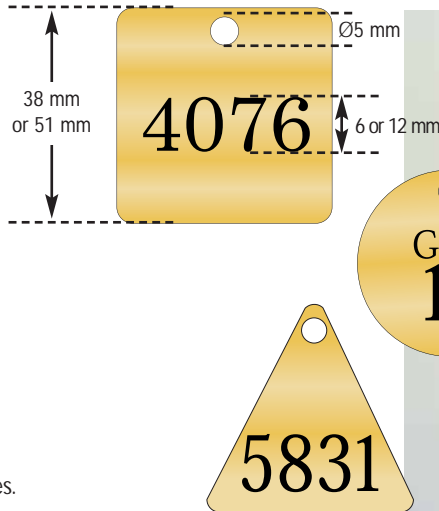
How to order: by using the part number and adding sequential numbering, text and quantity.\*

Packaging: 25 tags

**BRADY**  
**Customize-it**



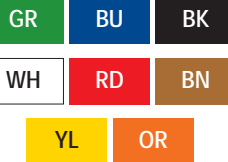
Shape	Sizes in mm	Part No.*
Round	Ø 38 Ø 51	023210 023211
Square	side 38 side 51	023212 023213
Triangular	side 38 side 51	227139 227141
Octagonal	Ø 51	227143
Hexagonal	Ø 38	227153



To order blank tags: just use part number without any annexes.

**BRADY**  
**Customize-it**

### COLOURS



## Engraved Bradyply Valve Tags

Maintenance free valve marking

High quality material for engraving.  
 Max 3 lines can be engraved per tag  
 (8 characters per line).  
 Tag are engraved on one side only.

## Metal clips

For fast and easy application of your identification and valve tags.

Galvanized steel, opens and closes by pushing the open ends away from each other and releasing them.  
 Inner diameter: 35 mm.

Packaging: 100 pieces.

Part No.  
 227130



## Brass "S" Hooks

For attaching your valve tags

Resistant to chemicals, inside and outside use up to 648°C.  
 3 sizes. Diameter: 2mm.

Packaging: 100 pieces

Size. (mm)	Part No.
32	227124
38	227125
44	227126



## Stainless Steel "S" Hooks

For attaching your valve tags

Very resistant, designed for extreme conditions, up to 1480°C.  
 Good usage in food industry etc.  
 3 sizes. Diameter: 2mm.

Packaging: 100 pieces




Size. (mm)	Part No.
32	227127
38	227128
44	227129






- 1 Select **Marker Type**.
- 2 State **Quantity Required**.
- 3 Write in the "Legend" box the text to be printed...  
The markers will be printed using BS1710 Colour Coding and symbols included where necessary.
- 4 **Fax your Brady Specialist** with this order form and your contact information (name, address, delivery address, phone, fax,e-mail).


**Individual markers with die-cut arrows**

Type	Description	Letter height (mm)	Max. number of letters		Sold per	Quantity	Legend
			Without symbols	With symbols			
	26 x 200 mm with liner	12.5	29	21	card of 3 markers	<input type="text"/>	<input type="text"/>
	26 x 200 mm linerless	12.5	29	21	3 rolls of 10 markers	<input type="text"/>	<input type="text"/>
	37 x 284 mm with liner	20	29	21	card of 3 markers	<input type="text"/>	<input type="text"/>
	37 x 305 mm linerless	20	29	21	3 rolls of 10 markers	<input type="text"/>	<input type="text"/>
	52 x 402 mm with liner	25	29	21	card of 2 markers	<input type="text"/>	<input type="text"/>
	52 x 402 mm linerless	25	29	21	2 rolls of 15 markers	<input type="text"/>	<input type="text"/>


**Mini Markers**

Description	Letter Height (mm)	Max. number of letters		Sold per	Quantity	Legend
		Without symbols	With symbols			
 12 x 150 mm with liner	6.5	17	15	Card of 5 markers	<input type="text"/>	<input type="text"/>

**Maxi Markers (pipe diameter > 350 mm)**

Description	Letter Height (mm)	Max. number letters		Sold per	Quantity	Legend
		Without symbols	With symbols			
		13*	11*			* number of characters per line, max. 3 lines
225 mm x 15 m with liner	19	30	25	Roll of 55 markers	<input type="text"/>	<input type="text"/>
225 mm x 15 m linerless	19	30	25	Roll of 55 markers	<input type="text"/>	<input type="text"/>
225 mm x 33 m with liner	6.5	30	25	Roll of 120 markers	<input type="text"/>	<input type="text"/>
225 mm x 33 m linerless	6.5	30	25	Roll of 120 markers	<input type="text"/>	<input type="text"/>

**XXL Markers**

Description	Letter Height (mm)	Max. number letters		Sold per	Quantity	Legend
		Without symbols	With symbols			
 980 mm x 95mm	50	18	15	Piece	<input type="text"/>	<input type="text"/>

**Roll form Markers (pipe diameter < 70 mm)**

Description	Letter height (mm)	Max. number letters	Sold per	Quantity	Legend
100 mm x 33 m with liner (no symbols)	8	36	Roll of 471 markers	<input type="text"/>	<input type="text"/>
100 mm x 33 m linerless (no symbols)	8	36	Roll of 471 markers	<input type="text"/>	<input type="text"/>
127 mm x 33 m with liner (with symbols)	8	32	Roll of 471 markers	<input type="text"/>	<input type="text"/>
127 mm x 33 m linerless (with symbols)	8	32	Roll of 471 markers	<input type="text"/>	<input type="text"/>

**Roll form Markers (pipe diameter >70 mm)**

Description	Letter height (mm)	Max. number of letters	Sold per	Quantity	Legend
100 mm x 33 m with liner (no symbols)	13	36	Roll of 212 markers	<input type="text"/>	<input type="text"/>
100 mm x 33 m linerless (no symbols)	13	36	Roll of 212 markers	<input type="text"/>	<input type="text"/>
127 mm x 33 m with liner (with symbols)	13	32	Roll of 212 markers	<input type="text"/>	<input type="text"/>
127 mm x 33 m linerless (with symbols)	13	32	Roll of 212 markers	<input type="text"/>	<input type="text"/>



# Lockout Tagout

What, How & Legislation .....P20  
 Product Groups .....P22  
 Lockout Selection Tool .....P23

**Mechanical Risk**

Universal .....P24  
 Ball Valves .....P25  
 Gate Valves .....P26  
 Cable Lockout Devices .....P27  
 Butterfly Valves .....P29  
 Gas Cylinder Lockouts .....P30  
 Pneumatic Lockouts .....P30

**Electrical Risk**

Plug Lockouts .....P31  
 Circuit Breaker Lockouts .....P32  
 Miniature Circuit Breaker Lockout P34

**Padlocks, Hasps & Accessories**

Padlocks .....P35-38  
 Hasps & Accessories .....P39  
 Lockout Starter Kit .....P39  
 Lockout Stations .....P41  
 Lock Boxes .....P42

Padlock Centres .....P43  
 Lockout Pouches .....P43

**Tagout**

Tags .....P44  
 Tag Holder .....P46  
 Safety Management System ...P47  
 Custom Tags .....P48

# What, How & Legislation



Every year thousands of workers get killed or injured while performing repairs or maintenance on industrial equipment or machinery. Many of these accidents are caused by the uncontrolled release of energy. In Europe however, several regulations exist, requiring that all energy sources are turned off and 'locked out' while machines are being serviced or repaired.



## WHAT IS IT?

Lockout Tagout is a planned safety procedure which involves turning off the energy supply of industrial machinery and equipment whilst maintenance work or repairs are being carried out. This procedure protects workers from the risks posed by live machinery or electricity.

## WHY LOCKOUT/TAGOUT?

- Safe working while doing maintenance, cleaning or repairs.
- Prevention of injuries
- Prevention of damage
- It is also a security against the errors of yourself and others.
- Everybody's attention is drawn to the Lockout situation.

**When you neglect Lockout Tagout you neglect people.**

## CURRENT LEGAL REQUIREMENTS

- In the UK the Provision of Work Equipment Regulations – Regulation 19 – Isolation from Sources of energy states: "Every employer shall ensure, that where appropriate, work equipment is provided with suitable means to isolate it from all its sources of energy. Every employer shall take appropriate measures to ensure that reconnection of any energy source to work equipment does not expose any person using the equipment to any risk to his health or safety.
- The EU Guidelines 89/655 specify the minimum requirements concerning safety and health while using equipment. Paragraph 2.14 lays down that "every piece of equipment must be fitted with clearly visible devices with which it can be separated from every energy source.



## OSHA REGULATIONS (USA)

OSHA regulation The Control of Hazardous Energy (Lockout / Tagout) 1910.147 states that it "requires employers to establish a program and utilise procedures for affixing appropriate lockout devices or tagout devices to energy isolating devices and to otherwise disable machines or equipment to prevent unexpected energisation, start up or release of stored energy in order to prevent injury to employees."

## Establishing a good Lockout/Tagout programme requires 3 basic steps:



**Step 1:**  
Develop a Written Program

This involves identifying and writing procedures for the control of hazardous energy. This also includes preparation for shutdown, equipment isolation, Lockout/Tagout application, release of stored energy and verification of energy isolation to each piece of equipment.



**Step 2:**  
Training Employees

Both affected and authorised employees must be trained in the specific energy control procedures established by the company. Verification of this training is required.



**Step 3:**  
Implement the Program

In addition to developing format written procedures and training employees, Brady offers a variety of padlocks, tags, signs and lockout devices to help you implement lockout procedures for many different energy sources, including: electricity, pneumatics, steam, gas, liquids and many others.

## 7 STEPS TO GOOD LOCKOUT TAGOUT IMPLEMENTATION

### Step 1: Preparation

Prepare for a shut down of energy source. Identify type of energy used (e.g. electrical or mechanical) and its potential hazards. Locate the isolator(s) and prepare to "lock off" energy source.

### Step 2: Notification

Inform operators and supervisors who may be affected by isolating the machinery and inform them of the work being undertaken.

### Step 3: Shut-down

Turn off the equipment or machine.

### Step 4: Lock Off

Lock off all energy sources using the proper Brady lockout devices to de-energise the equipment or machinery. Apply a lock so no one can turn the switch or valve whilst the work is being undertaken. Warn against accidental use by attaching Brady lockout warning tags.

### Step 5: Test

Test all machine controls and electrical circuits to ensure energy is completely isolated.

### Step 6: Repair or rework

Perform maintenance and or servicing.

### Step 7: Return to service

When all work is done and lockout/tagout devices are removed, be sure to test and look to ensure all tools and mechanical and electrical lockout devices have been removed. Before re-energising be sure to warn all workers.



## Lockout/Tagout training DVD

**NEW!**

Comply with regulations - provide safety training to every member of staff. Ensuring that all relevant members of staff receive safety training reduces both the risk of accidents occurring in the workplace and their associated costs.

### Lockout/Tagout: 9 Basic Steps

And ideal tool for all Safety Managers this handy DVD helps to explain the simple safety procedure of Lockout/Tagout by focussing on the basic steps that must be followed.

- What Lockout/Tagout is and when to perform it
- Six steps in controlling hazardous energy
- Three steps for a safe restoration of energy

Duration: 14 minutes

Part No. 805854

### Lockout For Life

Learn from other workers' tragic mistakes. This motivational video presents six real-life dramatizations of actual lockout accidents and analyzes how they could have been prevented

- Suitable for new and experienced employees

Duration: 19 minutes

Part No. 805855

# Product Groups

## Lockout: Devices for risk prevention

### Mechanical Risks

- Universal Risks
  - Lockout for valves in all positions . . . . . 24
- Ball Valve Lockout Devices . . . . . 25
  - Lockouts for valves in closed position . . . . . 25
  - Lockout for valves in open & closed position . . . . . 25
- Gate Valve Lockout devices . . . . . 26
  - Adjustable Gate Valve Lockout . . . . . 26
  - Standard Gate Valve Lockout . . . . . 26
- Cable Lockouts . . . . . 27
  - All Purpose Lockout . . . . . 27
  - Mini Cable Lockout . . . . . 27
  - Universal Valve Lockout . . . . . 27
  - Brady Cable Lockout . . . . . 28
  - Scissor Lock . . . . . 28
  - Pro Lock II . . . . . 28
- Butterfly Valve lockout . . . . . 29
- Cylinder Lockouts . . . . . 30
  - Cylinder Tank Lockout . . . . . 30
  - Gas Cylinder Lockout . . . . . 30
- Pneumatic Lockouts . . . . . 30

### Electrical Risks

- Plug Lockouts . . . . . 31
  - Electrical/Pneumatic Plug Lockout . . . . . 31
  - Lockout for Plug Connections . . . . . 31
  - Hubbell Plugout . . . . . 31
- Circuit Breaker Lockouts . . . . . 32
  - Universal Multi-Pole Breaker Lockout . . . . . 32
  - Economy Multi-Pole Breaker lockout . . . . . 32
  - Single Pole Breaker Lockout . . . . . 32
  - Oversized Breaker Lockout . . . . . 32
  - "No Hole" Circuit Breaker Lockout . . . . . 32
- Lockout Cleats . . . . . 33
  - 480-600V Breaker Blocker . . . . . 33
- Miniature Circuit Breaker Lockouts . . . . . 34

### Locks, Hasps & Accessories

- Padlocks . . . . . 35
- Non-Conductive Lockouts . . . . . 39
- Nylon Lockout Hasp . . . . . 39
- Brass I.D. Tags . . . . . 39
- Padlock Eyes . . . . . 39
- Safety Lockouts . . . . . 39
- Lockout Starter Kit . . . . . 39
- Economy Lockout . . . . . 40
- Stubby Lockout . . . . . 40
- Heavy Duty Steel Lockout . . . . . 40
- Labelled Safety Lockout Hasps . . . . . 40
- Blank Safety Lockout Hasps . . . . . 40
- Lockout Stations & Lock Boxes . . . . . 41
  - Lock Boards . . . . . 41
  - Industrial Strength Lockout Station . . . . . 41
  - Adjustable Lockout Stations . . . . . 42
  - Group Lock Box . . . . . 42
  - Group Lockout Centre . . . . . 43
  - Padlock Control Centre . . . . . 43
  - Padlock Station . . . . . 43
- Lockout Belt Pouch & Large Lockout Pouch . . . . . 43



## Tagout: Communication of risks

- Maintenance & Quality Control Tags . . . . . 44
- Machine Safety . . . . . 44
- Warning & Safety Tags . . . . . 45
- Tag Holders . . . . . 46
- Safety Management System . . . . . 47
- Coloured Nylon Ties . . . . . 47





# Lockout Selection Tool



Type of Risk	Application	Blocking		Device	Page	
		Type	Position			
<b>MECHANICAL RISKS</b>	Ball Valve	Fixed	Closed	Brady Ball Valve Lockout	25	
			Closed	Non-Conductive Ball Valve Lockout	25	
			Open/Closed	Prinzing Ball Valve Lockout	25	
		Adjustable	Open/closed	Universal Valve lockout	24	
	Gate Valve	Adjustable	All types		Standard Gate Valve Lockout	26
					Adjustable Gate Valve Lockout	26
					Mini Cable Lockout	27
					Scissor-Lok	28
					Brady Cable Lockout	28
					Pro Lock II	28
					All Purpose Cable Lock	27
	Butterfly Valves	Adjustable	All types		Butterfly Valve Lockout	29
					Universal Valve Lockout	24
	Gas Cylinder	Adjustable	All types		Cylinder Tank Lockout	30
					Gas Cylinder Lockout	30
Pneumatic Plugs	Fixed	No operation		Pneumatic Lockout	30	
				Electrical / Pneumatic Lockout	31	



	Application	Device	Page
<b>ELECTRICAL RISKS</b>	Electrical Plugs	Electrical / Pneumatic Lockout	31
		Electrical Plug Lockout	31
		Industrial Electrical Plug Lockout	31
Panels		Mini Cable Lockout	27
		Scissor-Lok	28
		Brady Cable Lockout	28
		Pro Lock II	28
		All Purpose Cable Lockout	27
		Non Conductive Lockout Hasp	39
		Nylon Lockout Hasp	39
Breakers		Miniature Circuit Breaker Lockout	34
		Universal Multi-Pole Breaker Lockout	32
		Economy Multi-Pole Breaker Lockout	32
		Single Pole Breaker Lockout	32
		"No Hole" Circuit Breaker Lockout	32
		480-600V Breaker Lockout	33

# Mechanical Risk – Universal

**NEW!**

## Universal Valve Lockout: one device does it all!

The Universal Lockout device is a modular system which enables you to lock out valves of different types and sizes. No other device offers such flexibility and security. There are two sizes available: large and small.

- Modular system makes your investment economical and flexible
- Can be used to lock out large levers, T-handles and other hard-to-secure mechanical devices
- New open-ended clamp fits over closed rings, wide handles
- Locks out valves in **open and closed positions**
- Made from industrial-grade steel and nylon for rugged durability, chemical and corrosion resistance
- Max. shackle diameter: 9 mm
- Min. shackle clearance: 20 mm

Part No.	Description
050924	Small Universal Valve Lockout Base Clamping Unit
050899	Large Universal Valve Lockout Base Clamping Unit
065402	Small Blocking Arm
065403	Large Blocking Arm
051395	Cable attachment w/ 2.44 metre sheathed cable Cable diameter 3.25 mm

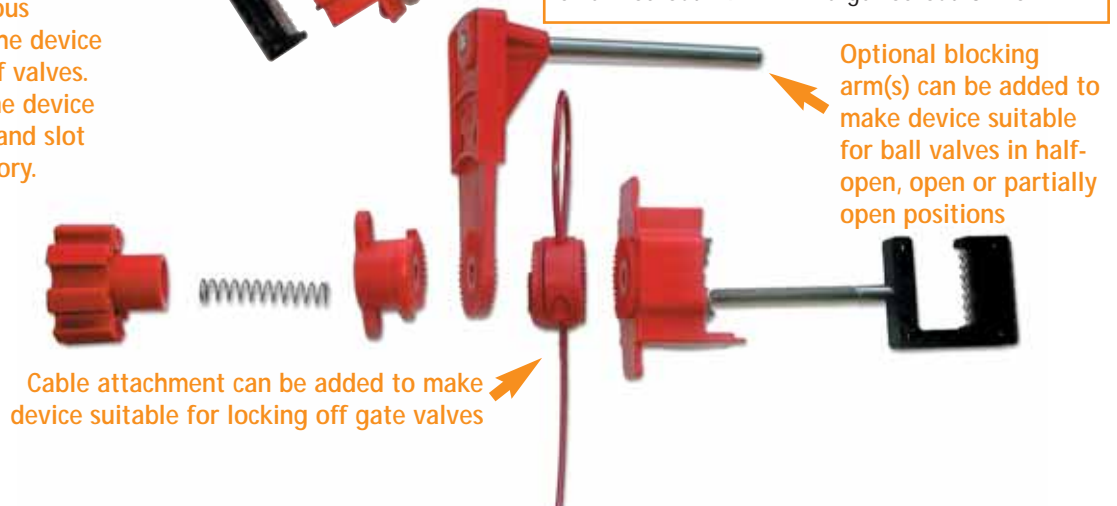


The Universal Lockout is a modular construction where the user can add various accessories to make the device suitable for a range of valves. Simply disassemble the device (as shown in picture) and slot in the relevant accessory.



**Maximum valve handle width**  
Small Lockout: 25 mm    Large Lockout: 41 mm

**Maximum handle thickness:**  
Small Lockout: 19 mm    Large Lockout: 31.75 mm



Optional blocking arm(s) can be added to make device suitable for ball valves in half-open, open or partially open positions

Cable attachment can be added to make device suitable for locking off gate valves



Clamp attaches to butterfly valve lever, preventing trigger handle from being squeezed. Valve cannot be repositioned!



Use blocking arm to lock out quarter-turn ball valves



Use cable attachment to lock out gate valves

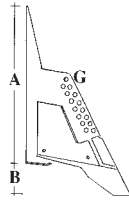


Use two blocking arms to lock out 3-, 4- or 5-way valves, or to lock valves in the throttled position for operational control

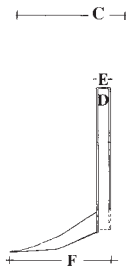
## Lockouts for valves in closed position

### Brady Ball Valve Lockout

- Locks quarter-turn ball valves in OFF position
- Fits virtually any valve lever up to 76 mm
- Very compact and lightweight solution
- Available in 2 sizes
- Packaging: 1 piece



Part No.	Size valve lever	Minimum shackle clearance	Material
065666	6 - 25 mm	25 mm	Nylon™
065692	6 - 25 mm	19 mm	Steel
065669	32 - 76 mm	19 mm	Steel
065693	32 - 76 mm	19 mm	Steel

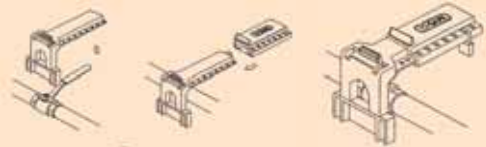
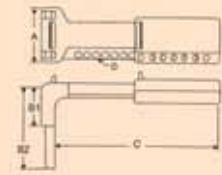


Part No.	A	B	C	D	E	F	G pieces	G Ø
065666	80	30	60	8	12	71	8	7.5
065692	87	30	50	8	11	63	6	10
065669	150	30	110	10	15	110	15	7.5
065693	150	30	110	10	15	110	7	10



### Non-Conductive Ball Valve Lockout

- Non conductive
- Intuitive and easy to place
- Locks quarter-turn ball valves in OFF position
- Made from strong polypropylene plastic, resistant to cracking, abrasion and chemical products
- Resistant to extreme temperature changes -46 to 183°C
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Part No.	Width (A)	Height (B)	Length of lever (C)	Lock hole (D)
225340	95 mm	125 mm	190 to 250 mm	8 mm

## Lockouts for valves in open & closed position



### Prinzing Ball Valve Lockout

- Small device locks out pipes from 12.5 to 31 mm in open and closed position
- Large device locks out pipes from 50 to 200 mm in closed position
- Versatile and easy to use
- The two halves of the device encompass the ball valve lever to secure it from inadvertent activation of the valve
- Made from ultra-tough polypropylene
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 38 mm
- Packaging: 1 piece



Type	Red	Blue	Green	Yellow
Small	800110	805847	805848	805849
Large	800111	805850	805851	805852

See page 26 for tips on how to use different colours



# Mechanical Risk – Gate Valves



## Adjustable Gate Valve Lockout

- Adjusts to fit gate valves from 2.5 to 16.5 cm
- One device for most gate valves
- Replaces 3 conventional gate valve lockouts = reduced costs
- Durable polypropylene
- Resistant to extreme temperature changes from -45°C to 182°C
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece

Part No.: 064057



## Standard Gate Valve Lockout

- Locks out gate valves from 2.5 to 32 cm
- Made of durable polypropylene – superior impact & chemical resistance
- Withstands temperatures from -30°C to 150°C
- Available in 5 sizes and 4 colours
- Comes with danger labels in English, Spanish and French
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 38 mm
- Recommended lock : Safety Padlock (page 36) and Safety Lockout (page 39)
- Packaging: 1 piece

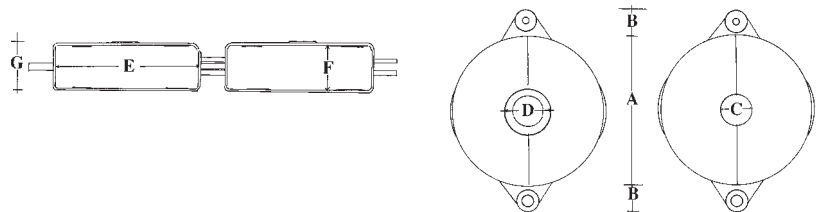


Hand wheel diameter (mm)	Part No. Red	Part No. Yellow	Part No. Green	Part No. Blue
25 - 64	065560	065590	065595	065585
64 - 127	065561	065591	065596	065586
127 - 165	065562	065592	065597	065587
165 - 254	065563	065593	065598	065588
254 - 320	065564	065594	065599	065589
320 and larger (see cable lockout devices)				

Hand wheel diameter	Size in mm						
	A	B	C	D	E	F	G
25 - 64 mm	75	20	-	19	69	33	39
64 - 127 mm	140	20	30	42	130	36	46
127 - 165 mm	170	20	51	63	167	43	53
165 - 254 mm	270	20	70	90	260	63	70
254 - 320 mm	350	25	75	100	340	70	80



Unique knockout feature: can be removed by hand to accommodate "rising stem" gate valves



## Why not use different colours?

- Valves in open or closed position... Red = open, Green = closed
- Indicate risk levels... Red = high risk, Blue = low risk
- Indicate substances flowing through a valve... Yellow = gas, Green = water
- Indicate different maintenance teams... Red = electricians, Blue = mechanics



**NEW!**



## All Purpose Cable Lockout

- Can be used to lock out valves, disconnect switches, circuit breakers and more
- Locks out multiple control points with a single device = reduced equipment costs
- Interchangeable cables, select the best type suited for the job
- The ergonomic, hand-fitted body makes it easy to get the cable tight
- High portability, a built-in eyelet helps keep the cable neatly coiled, prevents loose ends from dangling and causing a hazard when in use
- Body made of rugged impact-resistant nylon, withstands chemicals and corrosion
- Accommodates cables with a diameter from 1.59 to 4.77 mm
- 4 padlock holes
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Part No.	Description
050941	APCLO with Nonconductive Nylon Cable (2.44 m)
050943	APCLO with Vinyl Coated Metal Cable (2.44 m)



## Nonconductive Nylon Cables (without device)

Part No.	Description	Diameter
050945	Nylon Cable – 2.44 m	3.18 mm
050948	Nylon Cable – 3.65 m	3.18 mm

## Sheathed Metal Cables (without device)

Part No.	Description	Diameter
050947	Vinyl Coated Metal Cable – 2.44 m	4.76 mm
050950	Vinyl Coated Metal Cable – 3.65 m	4.76 mm

**NEW!**



## Mini Cable Lockout

- Locks out valves as well as disconnected switches and circuit breakers
- 1 device for both electrical and mechanical lockout applications saves time and money
- Fits in the palm of your hand and is easily stowed away in your toolbox
- Cable stored internally: works just like a tape measure, prevents cable from getting tangled
- Push-button self-winding mechanism automatically holds cable tight
- The sheathed metal cable provides extra strength for getting a tight fit on valves and levers
- Superior chemical, corrosion and temperature resistance
- Comes with vinyl-coated steel cable or nonconductive nylon cable
- 6 padlocks can be applied
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Part No.	Description	Dimensions Body	Dimensions Cable
050940	Mini Cable Lockout w/ steel cable	Ø 10 cm x 4.5 cm D	Ø 1.6 mm x 2.44m
051442	Mini Cable Lockout w/ nylon cable	Ø 10 cm x 4.5 cm D	Ø 1.6 mm x 2.44m



**NEW!**



## Universal Valve Lockout

Lockout gate valves by using the cable attachment with the Universal Valve Lockout. See page 24 for more information. For this lockout format you would need to order:

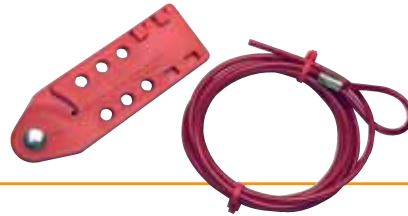
Part No.	Description
050924	Small Universal Valve Lockout Base Clamping Unit
050899	Large Universal Valve Lockout Base Clamping Unit
051395	Cable attachment w/ 2.44 metre sheathed cable

# Mechanical Risk – Gate Valves



## Brady Cable Lockout Device

- Locks out gate valves, gas cylinders, electrical devices...
- Comes with 1.8 or 3 m steel cable and unique hasp lockout device
- **Room for 6 padlocks**
- Provide extra information by combining the device with a tag (page 47)
- Max. shackle diameter: 9 mm
- Min. shackle clearance: 15 mm
- Packaging: 1 piece



Part No.	Description
800112	Cable lockout device + 1.8 m cable
800113	Additional cable 1.8 m
800114	Cable lockout device + 3 m cable
800115	Additional cable 3 m



## Scissor-Lok™ Lockout Device

- Locks out multiple gate valves simultaneously
- Secures power cords, freestanding equipment, tanks, cylinders of safety guards...
- Made of heavy-duty chemical resistant nylon
- The cable and device can be combined in several ways (see examples)
- Available with either a 0.91 m or 3.04 m vinyl coated cable.
- When using own cable, the outside diameter must be 4.76 mm or less.
- **3 Padlocks can be applied**
- Provide extra information by combining the device with a tag (page 47)
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 19.5 mm
- Packaging: 1 piece



Part No.	Description
236921	Scissor Lok - 0.91 m
236922	Scissor Lok - 3 m



## PRO-LOCK II® Cable Lockout Device

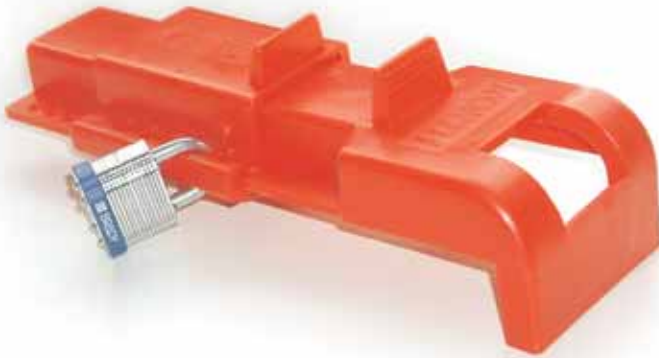
- Can only be opened and locked by using special tool provided
- Compact and lightweight
- Moulded from an impact polymer polypropylene with stainless steel internal parts.
- UV stabilized
- Temperature resistance range: -50°C to 55°C
- Diameter PRO-LOCK: 50 mm
- Cable length: 1.50 m
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Other cable lengths are available upon request

Part No.	Description	Material	Colour
225203	Pro-Lock + 1.5 cable	Polypropylene moulding & stainless steel	Red
225204	Pro-Lock + 1.5 cable	Polypropylene moulding & stainless steel	Green
225205	Pro-Lock + 1.5 cable	Polypropylene moulding & stainless steel	Yellow
225206	Operating tool	Polypropylene	Red
225207	Operating tool	Polypropylene	Green
225208	Operating tool	Polypropylene	Yellow





Available in 4 colours:

RED, YELLOW, GREEN & BLUE

See page 26 for tips on how to use different colours

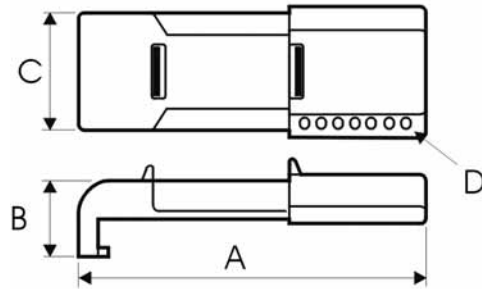
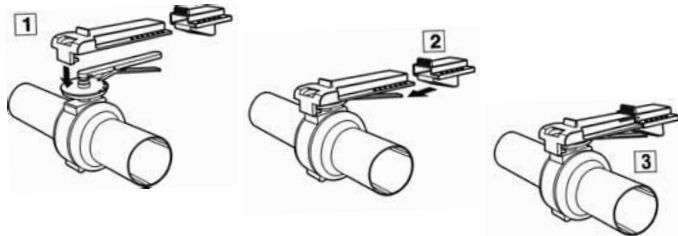
## Butterfly Valve Lockouts

Created to secure your butterfly valve efficiently!

- Made of strong Polypropylene plastic
- Fully dielectric (non-conductive)
- Highly resistant to solvent and other chemical products
- Highly resistant to cracking and abrasion
- Resistant to extreme temperature changes from -46 to 183°C
- 2 padlocks can be applied
- Max. shackle diameter: 8 mm
- Min. shackle clearance: 25 mm
- Packaging: 1 piece



Colour	Part No.
Red	256960
Yellow	256961
Green	256962
Blue	256963



A	B	C	D
305 mm	70 mm	102 mm	9.5 mm



**NEW!**

## Universal Valve Lockout

Use the Universal Valve Lockout for locking out butterfly valves: the clamp attaches to the butterfly valve lever, preventing the trigger handle from being squeezed. The valve cannot be repositioned.

See page 24 for more information. For this lockout format you would need to order:

Part No.	Description
050924	Small Universal Valve Lockout Base Clamping Unit
050899	Large Universal Valve Lockout Base Clamping Unit



# Mechanical Risk

**NEW!**



## Cylinder Tank Lockout

- Used to lockout cylinder tanks, including propane tanks on forklift trucks and stand alone propane tanks
- Apply with ease to prevent access to the valve handle
- Designed to fit in tight spaces
- Valve stem hole is 31.5 mm in diameter
- Made of rugged polystyrene plastic
- **1 padlock can be applied**
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Part No.	Description
046139	Cylinder Tank Lockout

**NEW!**



## Gas Cylinder Lockout

- Prevents access to the main cylinder valve
- No need to match your lockout device to varying diameters and threads of cylinder caps
- Accommodates neck rings up to 88 mm diameter
- Install in seconds to save time
- **2 padlocks can be applied**
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece



Part No.	Description
045629	Gas Cylinder Lockout



## Pneumatic Quick-Disconnect Lockout

- Isolates pneumatic energy without the expense and inconvenience of installing in-line lockout valves
- Device is applied to the male fitting, isolating equipment from all compressed air sources
- Accommodates the majority of 6 mm, 9 mm, 12 mm male fittings
- Hole in centre of device allows for permanent storage on air hose and a loop on the side can be used to hang the hose and lockout device
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 20 mm



Part No.	Description
064221	Pneumatic Lockout 1p/pack
065645	Pneumatic Lockout 6p/pack



Combine Pneumatic Quick-Disconnect Lockouts with Brady Safety Padlocks (page 36)

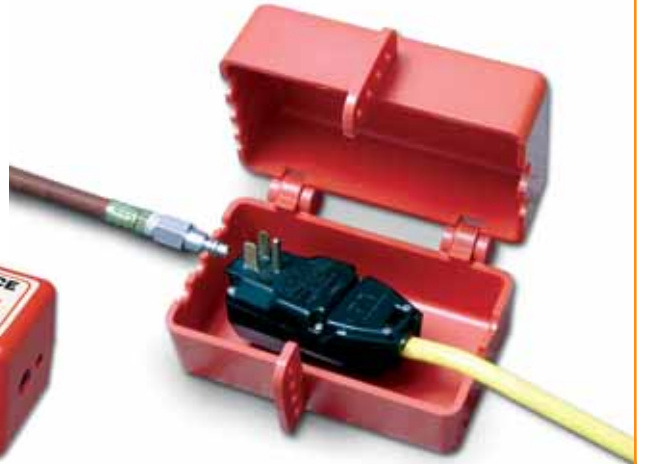


## Large Electrical/Pneumatic Lockout



- Accommodates a large variety of electrical plugs up to 89 mm diameter and 127 mm in length as well as male air hose connectors
- Works on 110V, 220V and 550V plugs
- Made of Polystyrene material
- 4 padlocks can be applied
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece.

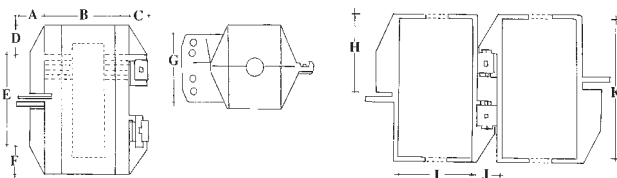
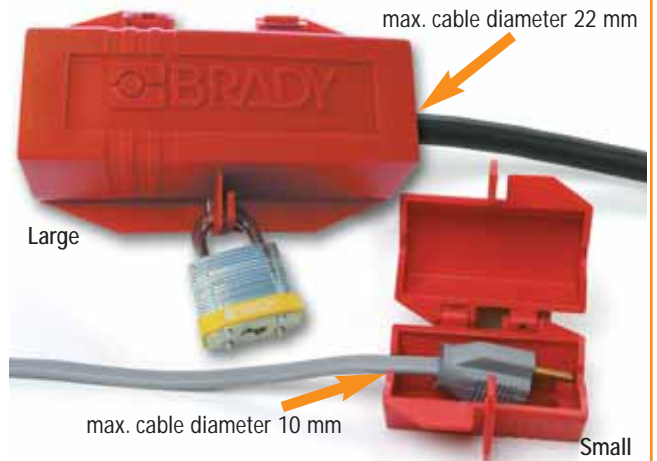
Part No.	Description
800126	Large Electrical/Pneumatic Lockout



## Lockout Devices for Plug Connections

- Especially developed to secure all types of plugs
- Simple to use
- Highly effective against the unauthorised or incorrect use of electrical equipment
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece

Type	Size (mm)	Part No.	Lock holes
Small	50 x 50 x 90	065674	2
Large	80 x 80 x 180	065675	4



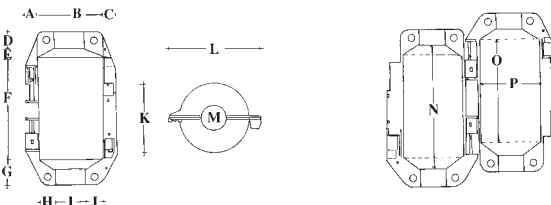
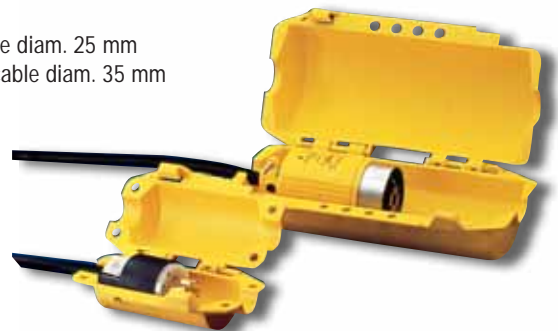
Part No.	Size in mm										
	A	B	C	D	E	F	G	H	I	J	K
065674	18	50	12	18	52	18	42	45	43	15	81
065675	25	90	16	40	97	40	70	85	76	25	167

## Hubbell Plugout for industrial Plug Connections



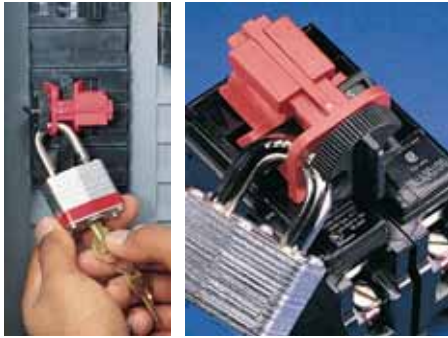
- Effectively secures all industrial plug connections
- Available in two sizes:
  - Small:** connections with a max. diam. 7 cm / length of 12 cm / max. cable diam. 25 mm
  - Large:** connections with a max. diam. 11.5 cm / length of 25 cm / max. cable diam. 35 mm
- Suggested max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece

Type	Plug Diameter	Plug Length	Cable diameter	Part No.
Small	7 cm	12 cm	25 mm	065695
Large	11 cm	25 cm	35 mm	065968



Part No.	Size in mm															
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
065695	15	76	15	20	10	125	30	20	36	20	80	106	30	145	120	70
065968	-	-	-	15	-	285	15	18	125	18	120	120	-	286	290	120

# Electrical Risk



Universal Multi-Pole lockout works with most two or three pole breakers utilizing a tie-bar.

## Universal Multi-Pole Breaker Lockout

- Single device works with most major multi-pole breakers that employ a tie bar
- Made of durable impact-modified nylon
- Compatible with GE, ITE, Sylvania, Challenger, Bryant, Westinghouse, General Switch Co. ...
- Use thumbscrews to clamp lockout securely over tie bar, then insert lock to prevent clamp from being loosened
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm

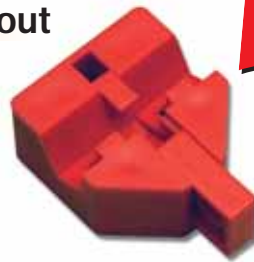


Combine Circuit Breaker Lockouts with Brady Safety Padlocks (page 36)

Part No.	Packaging
066321	1 piece
066320	6/pck

## Economy Multi-Pole Breaker Lockout

- Economical solution!
- Designed to fit multi-pole breakers
- Quick and easy to apply
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm



Part No.	Description
805814	Economy Multi-Pole Breaker Lockout



## Single Pole Circuit Breaker Lockout

- Designed for breakers that have holes in the switch tongue
- Quick and easy – just snap in place and apply lock
- Dual cavities accommodate different size switch tongues
- Dimensions: 21 mm H x 9 mm W x 55 mm L
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm



Part No.	Packaging
065387	1 piece
065688	6/pck



## Oversized Breaker Lockout Device

- Oversized 480/600 Volt frame lockout
- Fits breakers up to 63.5 mm wide by 22.2 mm thick
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm



Part No.	Packaging
065329	1 piece
065321	6/pck

### Step 1



### Step 2



## "No Hole" Circuit Breaker Lockout

- Extremely versatile – works on wide range of single-pole and internal-trip multi-pole breakers
- Two sizes, one for 120/277V breakers and one for 480/600V breakers
- Made of rugged polypropylene and glass filled impact modified nylon
- Use thumbscrews to clamp lockout securely onto switch tongue, then pull cover over thumbscrew and lock in place to prevent clamp from being loosened
- New blade design provides tighter grip with less torque on thumb screw
- Max. shackle diameter: 7 mm
- Min. shackle clearance: 20 mm



Covering a breaker with a piece of duct tape to "lock it out" isn't safe or effective and certainly doesn't satisfy legislation. A Brady Lockout Device gives you a new level of safety and compliance.

Part No.	Description	Max. Switch Width	Packaging
065396	277 Volt Device	38 mm	1 piece
065965	277 Volt Device	38 mm	6/pck
065397	480/600 Volt Device	16 mm	1 piece
065966	480/600 Volt Device	16 mm	6/pck



Step 1

Step 2

Step 3

## Lockout Cleats

- Compatible with 277 & 480/600 Volt "No Hole" Breaker Lockouts
- Ensures positive lockout for hard-to-lock out long sliding switch throws and switches with large angular rotation
- Snap-on and off feature allows for use only when needed

Part No.	Description	Packaging
065404	277 Volt/General Use	6/pck
065406	480/600 Volt/General Use	6/pck



## 480-600V Breaker Lockout



- Perfect for locking out oversized and irregularly shaped switches
- Self-adhesive backed rails are permanently installed into an electrical panel – simply clean panel surface and adhere – no drilling required!
- Blocking bars (red and green) are 190 mm long
- Red blocking bar indicates locked off, green bar indicates locked on
- Max. shackle diameter: 6.5 mm
- Min. shackle clearance: 20 mm



Red blocking bar indicates LOCKED OFF  
Green blocking bar indicates LOCKED ON

### Breaker Blocker Kit

Part No.	Description
090891	Breaker Blocker Kit, includes: 2 yellow mounting rails, 1 red blocking bar, 1 green blocking bar and 3 alcohol wipes.

### Breaker Blocker Components

Part No.	Description	Packaging
090892	190 mm Red Blocking Bar	5/pack
090893	190 mm Green Blocking Bar	5/pack
051264	101 mm Yellow Mounting Rails	2/pack
051265	Blocking Bar Holder	5/pack



Blocking Bar Holder

BRADY offers a variety of cable lockout devices that can be used for locking out electrical installations



## Mini Cable Lockout

See page 27 for more information

## All Purpose Lockout

See page 27 for more information



# Electrical Risk



Tie-Bar (TBLO)



Pin-Out Standard (POS)



Pin-In Standard (PIS)



Pin-Out Wide (POW)

## Miniature Circuit Breaker Lockout

- A safe and effective method for locking out European Circuit Breakers.
- Will fit most existing types of European Circuit Breakers.
- Miniature Breaker Lockout unique in its kind = requires NO TOOLS to install! The Lockout easily installs with the aid of a Push Button. The Tie Bar Style Lockout has a convenient thumb wheel for quick application.
- Available for single and multi-pole breakers.
- Recommended to use in combination with a padlock for added safety. The lockouts can take padlocks with a shackle diameter up to 6 mm

**Material:** very strong glass-filled nylon

*Each of these Breaker Lockouts are available in Single Pack, 6 pack or in bulk*

Part No.	# / Pack	Type	Part No.	# / Pack	Type
090844	1	POS	090850	1	POW
090845	6	POS	090851	6	POW
090846	bulk	POS	090852	bulk	POW
090847	1	PIS	090853	1	TBLO
090848	6	PIS	090854	6	TBLO
090849	bulk	PIS	090855	bulk	TBLO

### Demo-Kit

If you are uncertain about which pin you need, you can order our demo-kit which contains one example of each type of Miniature Breaker Lockout.

**Part No. 805853**

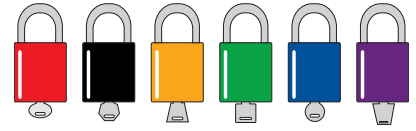
### Breaker Compatibility Chart

Brand	Poles	Model No.	Part No. 1/pkg.	Type	Brand	Poles	Model No.	Part No. 1/pkg.	Type
ABB	1	S222	090844	POS	Legrand	4	01980	090844	TBLO
ABB	1	F374	090844	POS	Legrand	2	04302	090847	PIS
ABB	1	S251, S261, S263	090844	POS	Legrand	3	06469	090847	PIS
ABB	1	S272, S253	090844	POS	Legrand	1	01908	090844	POS
ABB	3	S253	090844	POS	Merlin Gerin	3	C80A	090850/090853	TBLO/POW
AEG	2	E82S	090847	PIS	Merlin Gerin	2	B100A	090850/090853	TBLO/POW
Allen-Bradley	1,2,3	1492-CB1, 2, 3	090844	POS	Merlin Gerin	1	C60N	090844	POS
Buschmat	1	S46	090844	POS	Merlin Gerin	1	C32N	090844	POS
Clipsal	1	4CB116	090844	POS	Merlin Gerin	2	C60N	090844	POS
Clipsal	3	4CB320	090844	POS	Merlin Gerin	4	C60N	090844	POS
E-T-A	1	911225	090847	PIS	Merlin Gerin	3	C32N	090844	POS
E-T-A	2	911220G	090844	POS	Merlin Gerin	3	C45AD	090844	POS
FAZ	4	C16	090844	POS	Proteus	1	C16	090844	POS
FAZ	1	C16	090844	POS	Proteus	1	C6	090844	POS
GE Vynckier	3	Series E	090847	PIS	Proteus	3	C6	090844	POS
GE Vynckier	3	Series G	090847	PIS	Siemens 17U	2	5SQ12	090853	TBLO
GE Vynckier	4	Series E	090847	PIS	Siemens 17U	3	5SQ13	090853	TBLO
GE Vynckier	1	Series G	090847	PIS	Siemens 17U	4	5SQ16	090853	TBLO
GE Vynckier 16A	2	Series E	090847	PIS	Siemens 17U	1	5SQ11	090850	POW
GE Vynckier C16, 16A	1	Series E	090847	PIS	Siemens C10	1	5SX1	090850	POW
Hager	3	453717	090844	POS	Siemens C32	2	5SX1-2	090853	TBLO
Hager	2	MW216A	090844	POS	Siemens C70	3	5SX13	090853	TBLO
Hager	4	MW620A	090844	POS	Siemens L20A	2	5SN2-2	090853	TBLO
Kapp	1	LS68	090844	PIS	Sursum	3	EA53	090847	PIS
Legrand	2	01935	090844	TBLO	Wylex	2	WRS40/2	090844	POS
Legrand	3	01980	090844	TBLO					

## KEYING & CHARTING OPTIONS

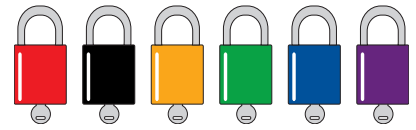
### Keyed Different

Brady padlocks are supplied “keyed differently” when purchased from stock. This means that the key for one lock should not open another. Brady padlocks use 5- or 6-pin cylinders to offer high levels of safety and security. Both cylinders and keys are precision-machined to exacting standards. This enables us to offer a greater number of unique keys than other locks with the same number of pins, making it highly unlikely that you will ever receive a duplicate lock. To guarantee that each lock is different, we can chart your locks, ensuring that each Brady padlock you receive is different from the others (contact your Brady distributor for mor information).



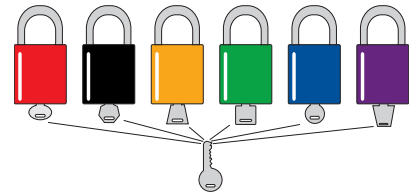
### Keyed Alike

When keyed alike, all locks in a set can be opened with the same key. This option is beneficial when multiple locks are assigned to a single employee.



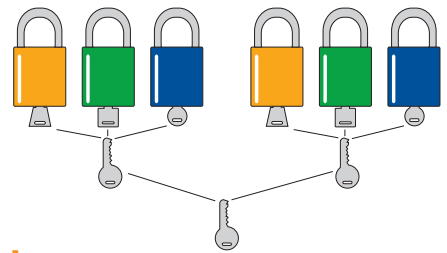
### Master Keyed

A master key can be used to open multiple locks that are keyed differently. This allows supervisors to easily remove a lock in the event of an emergency. In order for employees to retain exclusive control, master keys should be kept in a secure location that is accessible only to management.



### Grand Master Keyed

The master key system can be extended to several teams. This way each team has a master key and all the locks of all the teams can be opened by a ‘Grand’ Master Key if necessary.



## 5 Steps to help you choose the locks you need

1. Define which type suits best the application, use the below chart to help you out.
2. Define height and diameter of shackle (you will find this info with each LOTO device in this catalogue)
3. Choose a key system: Keyed Different, Keyed Alike, Master Keyed.
4. Choose the colour of the padlock.
5. Decide if the lock needs to be engraved or not

## Choose the lock that’s best suited for the job!

	SAFETY PADLOCK	BRASS PADLOCK	ALUMINIUM PADLOCK	STEEL PADLOCK
Compact, lightweight	✓	✓	✓	
Nonconductive body & keyway	✓			
Most corrosion resistant	✓	✓		
Most spark resistant	✓	✓		
Most tamperproof	✓		✓	
Most rugged			✓	✓
Custom keying	✓		✓	✓
Engraving*	✓	✓	✓	✓

\*Only available as custom

# Locks, Hasps & Accessories

**NEW!**

## Brady Safety Padlocks: The dedicated Lockout Padlock

- Compact and lightweight
- Enhanced impact resistance
- Superior temperature, chemical and corrosion resistance
- Nonconductive, nonsparking body
- Ideal for electrical applications
- Ribbed design for easy gripping and handling
- Made of rugged reinforced nylon with hardened steel shackle
- Locks come standard with English, French and Spanish language labels
- Locks are supplied keyed differently
- Custom keying and charting also available
- Two keys supplied with each padlock

### Unique Cylinder Enhances Safety & Security!

- Patented insulated key chamber protects workers from shocks when key is inserted
- 6-pin precision-machined cylinder offers more unique key cuts, better tamper resistance
- Reserved, paracentric keyway provides optimal security
- Key won't release until padlock shackle is closed



6 Padlocks/Package		Dimensions		
Part No.	Colour			
051344	Blue			
051339	Red	38 mm	87 mm	25 mm
051353	Black			
051346	Yellow	18.5 mm	38 mm	6.5 mm
051345	Green			
051347	Orange			

**NEW!**



## Brady Steel Padlocks

- Reinforced laminated steel withstands severe physical abuse
- Hardened steel shackle difficult to cut
- Body plates individually coated for superior rust protection
- 5-pin cylinder offers more unique key cuts, better tamper resistance than conventional 4-pin locks
- Coloured bumpers supplied for identification and protection
- Locks are supplied keyed differently
- Custom keying and charting also available
- Two keys supplied with each padlock

### Brady Steel Padlocks with 20 mm shackle

6 Padlocks/Package		Dimensions		
Part No.	Colour			
051280	Blue			
051284	Black	40 mm	60 mm	26 mm
051283	Orange			
051279	Red	18.5 mm	20 mm	7 mm
051281	Green			
051282	Yellow			

### Brady Steel Padlocks with 38 mm shackle

6 Padlocks/Package		Dimensions		
Part No.	Colour			
805816	Blue			
805819	Black	40 mm	72 mm	26 mm
805820	Orange			
805815	Red	18.5 mm	38 mm	7 mm
805818	Green			
805817	Yellow			

### Brady Steel Padlocks with 47 mm shackle

6 Padlocks/Package		Dimensions		
Part No.	Colour			
051291	Blue			
051299	Black	40 mm	87 mm	26 mm
051298	Orange			
051290	Red	18.5 mm	47 mm	7 mm
051292	Green			
051297	Yellow			

# NEW!

## Locks, Hasps & Accessories

LOCKOUT TAGOUT

### Aluminium Padlocks

Solid aluminium body with hardened chrome-plated steel shackle

- Lightweight yet rugged
- Chemical and corrosion resistant
- 6-pin cylinder offers more unique key changes, better tamper resistance
- Locks are supplied keyed differently
- Custom keying and charting also available
- Two keys supplied with each lock
- Designed to withstand rugged work environments



#### Aluminium Padlocks with 25 mm shackle

6 Padlocks/Package		Dimensions		
Part No.	Colour			
051360	Red	40 mm	73 mm	18 mm
051368	Orange			
051363	Yellow			
051361	Blue			
051362	Green	19 mm	25 mm	6.5 mm
051369	Black			

#### Aluminium Padlocks with 38 mm shackle

6 Padlocks/Package		Dimensions		
Part No.	Colour			
051371	Blue	40 mm	83.35 mm	18 mm
050274	Black			
051378	Orange			
051370	Red			
051376	Green	19 mm	38 mm	6.5 mm
051377	Yellow			



### Brass Padlocks Locks that will never rust!

# NEW!

Solid brass body and shackle

- Spark resistant ideal for use in flammable environments
- Corrosion resistant
- 6-pin cylinder offers more unique key cuts, better tamper resistance
- Locks protected by coloured vinyl sheaths
- Locks are supplied keyed differently
- Two keys supplied with each lock

12 Padlocks/Package		Dimensions		
Part No.	Colour			
051354	Red	43 mm	59 mm	17 mm
051355	Blue			
051356	Green			
051357	Yellow			
051358	Grey			
051359	Black	20.5 mm	21.5 mm	6.5 mm

# NEW!

### Brass Padlocks with Stainless Steel Shackle

Solid brass body (chrome plated) with stainless steel shackle

- Corrosion resistant
- Precision pin tumbler cylinder
- Locks are supplied keyed differently, keyed alike upon request
- Two keys supplied with each lock



6 Padlocks/Package		Dimensions			Pins
Part No.					
805827	30 mm	47 mm	12 mm		4
	14.5 mm	14.5 mm	5 mm		
805828	39 mm	66 mm	13 mm		5
	19.5 mm	23.5 mm	6.5 mm		
805829	39 mm	83 mm	13 mm		5
	19.5 mm	38 mm	6.5 mm		
805830	49 mm	73 mm	15 mm		5
	28 mm	27 mm	7 mm		

# Locks, Hasps & Accessories



## Fully Insulated Lock



- Solid brass body
- Sealed lock body with cylinder cover to protect cylinder from dirt
- 5-pin cylinder
- Inner components made from non-corrosive materials
- Shock absorbing vinyl casing, protects painted surfaces
- Hardened or stainless steel shackle
- Body and shackle fully insulated against electric shock
- Locks are supplied keyed differently, keyed alike upon request

Type	Part No.	Dimensions	Locks/Pack
Stainless steel shackle (Blue)	805836	53 mm x 73 mm x 28 mm	6
		20.5 mm x 24.5 mm x 8 mm	
Hardened steel shackle (Grey)	805835	53 mm x 73 mm x 28 mm	6
		20.5 mm x 24.5 mm x 8 mm	



## Ultimate Security Padlock



- Shackle and body made of highest standard hardened alloy steel
- Abus-Plus 7 pin disk cylinder for ultimate protection against manipulation and key interchanges
- Locks are supplied keyed differently, keyed alike upon request

Part No.	Dimensions	Locks/Pack
805837	63 mm x 85 mm x 31 mm 27.5 mm x 26 mm x 11 mm	3
805838	63 mm x 109 mm x 31 mm 27.5 mm x 50 mm x 11 mm	3
805839	63 mm x 134 mm x 31 mm 27.5 mm x 75 mm x 11 mm	1



## BradyLock™ Safety Padlocks

- Rugged, economical brass padlock
- Colour coded plastic casing for immediate identification as a safety lockout
- Two keys included with each lock
- Locks are random keyed but have a higher probability of duplicate keys in larger orders

1 Padlock/Package	
Part No.	Colour
063000	Blue
063001	Red

Dimensions		
43 mm	62 mm	15 mm
20 mm	22.2 mm	7 mm



## Brass Padlock



- Brass body and hardened steel shackle
- All inner components non-corrosive
- Precision pin tumbler cylinder
- Locks are supplied keyed differently, keyed alike upon request

Part No.	Dimensions	Locks/Pack	Pins
805831	30 mm x 47 mm x 12 mm 14.5 mm x 14.5 mm x 5 mm	6	4
805832	39 mm x 66 mm x 13 mm 19.5 mm x 23.5 mm x 6.5 mm	6	5
805833	39 mm x 83 mm x 13 mm 19.5 mm x 38 mm x 6.5 mm	6	5
805834	49 mm x 73 mm x 15 mm 28 mm x 27 mm x 7 mm	6	5

## "Cobra" Cable



Flexible steel wire with protective PVC coating for use with a padlock.



1 Cable/Package	
Part No.	Dimensions
805844	ø 8 mm / 250 cm long

## Maximum Chain Security



- Far more secure than steel cables
- Chain made from hardened special chain steel
- Fabric sleeve protects paint work and chrome from damage



1 Chain/Package	
Part No.	Dimensions
805845	ø 8 mm / 110 cm long
805846	ø 10 mm / 110 cm long



**NEW!**



## Nonconductive Lockout Hasps

- Made of strong, rigid red plastic resin
- Offers high flexibility, resistance to cracking and most chemicals
- Has excellent electrical insulating characteristics
- Performs at low temperatures, excellent heat resistance
- Lockout Shackle fits in holes with a diameter of minimum 10 mm
- Max. shackle diameter: 9 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece

Part No.	Description
045582	Nonconductive Lockout Hasp



## Nylon Lockout Hasp

- Nonconductive nylon hasps accommodates up to 6 locks
- Withstands up to 450 kg, yet weighs only 30 g
- Locks out any piece of equipment safely and effectively
- Lockout Shackle fits in holes with a diameter of minimum 7 mm
- Max. shackle diameter: 9 mm
- Min. shackle clearance: 20 mm
- Packaging: 1 piece

Part No.	Description
236916	Nylon Lockout Hasp

## Brass I.D. Tags

- Instant identification of assigned padlock user
- Withstands rugged work environments
- Can be engraved by using engraver or stamp kits
- Max. shackle diameter: 9.5 mm

Part No.	Description	Packaging
265378	Brass tags & attachment rings	12
265379	Collars and rivets	12



## Padlock Eyes

Some equipment needs modification to accept locks and Lockout devices. These padlock eyes can help you to do this. Available in two versions:

- Surface mounted eyes made of hard wrought steel (angle of 90°)
- Tamper resistant inside mounting eyes (flat)
- 38 mm wide
- Max. shackle diameter: 13 mm

Part No.	Description	Packaging
065686	Surface mount	6 pairs
065687	Inside mount	1 pair



## Safety Lockout

- Allow six workers to lock out a single energy source
- Vinyl coated high tensile steel
- Available in red and yellow
- Available in 2 sizes
- Max. shackle diameter: 9.5 mm
- Min. shackle clearance: 20 mm
- Packaging: 12 pieces

Part No.	Shackle width	Colour
265375	25 mm	Red
265376	38 mm	Red
225209	25 mm	Yellow
225210	38 mm	Yellow



## Lockout Starter Kit

- 2 x 25 mm Safety Lockouts (one red and one yellow)
- 2 x 38 mm Safety Lockouts (one red and one yellow)
- 6 x 38 mm Brady Safety Padlocks (one of each colour)
- 1 x Nylon Lockout hasp

Part No.: 805856



# Locks, Hasps & Accessories

## Economy Lockout

- Used on fuse or switch boxes
- Sturdy steel
- Hasp: 25.4 mm
- Accepts 6 padlocks
- Max. shackle diameter: 10 mm
- Min shackle clearance: 20 mm
- Packaging: 1 piece

**Part No.: 236920**



## Stubby Lockout

- To be used when lockout conditions vary in size
- Two hasp sizes: one is 31.75 x 44.45 mm the other has a 19 mm diameter
- Lockout small switch boxes to large control units and levers with one device
- No need for separate hasps of different sizes
- Accepts 6 padlocks
- Max. shackle diameter: 10 mm
- Min shackle clearance: 20 mm
- Packaging: 1 piece

**Part No.: 236920**



## Heavy Duty Steel Lockout

- Tamperproof design prevents vandalism
- Solid U-shape steel bolt cannot be pried apart once locks are in place
- Holds up to 3 locks
- Inside diameter of U-shape bolt 25.4 mm
- Packaging: 1 piece
- Max. shackle diameter: 9 mm
- Min. shackle clearance: 20 mm



Part No.	Description
236918	Lockout device
230000	Lockout device + chain (150mm)

## Labelled Safety Lockout Hasps

- Combination of lockout and tagout
- A single employee can lock out and service equipment
- Up to 5 additional employees can apply their locks and tags
- Tough 5052 anodised aluminium alloy
- Use pens, pencils and permanent markers
- Print from pens and pencils can be erased
- Size: 184.1 x 76.2 x 4.7 mm
- Max. shackle diameter: 8 mm
- Min. shackle clearance : 20 mm



Part No.	Description
335091	Fine
335092	Ultra Fine
Colour: black	
Packaging: 1 piece	



Part No.	Text
265390	Do not operate
265393	Ne pas faire fonctionner
265391	Nicht schalten
265392	Niet bedienen

## Blank Safety Lockout Hasps

- Material: aluminium
- Packaging: 5 pieces
- Size: 184.1 x 76.2 x 4.7 mm
- Max. shackle diameter: 8 mm
- Min. shackle clearance : 20 mm

Colour	Part No.
Red	265399
Blue	225199
Green	225198
Gold	225197
Silver	225196



### BRADY Customise-it

Combine these blank hasps with customised labels. With or without a logo, with or without a bar code, your own specific text...

**Contact your Brady Distributor for more information.**

## Lock Boards

Brady's high visibility lock boards make your locks, tags and lockouts easy to find and use. Built for the toughest conditions, these lock boards are made of durable plastic material.

The lock boards are available as boards only. No components are included.



### 5-Lock Board

- Dimensions: 29.2 x 39.3 cm

Part No.	Description
050989	5-Lock Board (Board only)



### 10-Lock Board

- Dimensions: 34.2 x 34.2 cm

Part No.	Description
050990	10-Lock Board (Board only)

See pages 46-48 for tags  
See pages 37-40 for padlocks  
See page 41 for hasps



### 20-Lock Board

- Dimensions: 59.7 x 29.2 cm

Part No.	Description
050991	20-Lock Board (Board only)



### 36-Lock Board

- Dimensions: 54.6 x 59.7 cm

Part No.	Description
050992	36-Lock Board (Board only)



## Industrial Strength Lockout Station

- Lockable all metal, yellow powder coated cabinet
- One adjustable shelf (extra shelves available)
- Lockout Safety tips on inside of door
- Can hold a wide variety of lockout devices
- Can be wall mounted or easily transported
- Dimensions: 406.4 mm H x 355.6 mm W x 152.4 mm D

Part No.: 800123

Extra Shelf: 800129

# Lockout Stations & Lock Boxes

## Adjustable Lockout Stations

- Constructed of sturdy polystyrene with pre-drilled holes for easy wall mounting
- Pegboard-style holes for hooks drilled into back and sides
- Hooks can be arranged in a multitude of ways

The lock boards are available as boards only. No components are included.



### Extra-Large Lockout Station

- Dimensions (cm): 76.2 H x 63.5 W x 13.3 D

Part No.	Description
050993	Extra-Large Lockout Station (station only)

### Large Lockout Station

- Dimensions (cm): 66 H x 49.5 W x 12.7 D

Part No.	Description
050994	Large Lockout Station (station only)



### Small Lockout Station

- Dimensions (cm): 46 H x 30.5 W x 10 D

Part No.	Description
050989	Small Lockout Station (station only)



### Group Lock Box

- Simplifies lockout of large equipment
- After machine or process is locked out, the key or keys of the machine are placed in a lock box. Each authorised work team member places a personal lock or tagout device in the group lock box
- Ensures that no single employee has access to the box unless ALL employees have removed their locks or tags
- Packaging: 1 piece

Part No.	Colour	Size
065699	Red	230 x 88 x 150 mm
045190	Blue	230 x 88 x 150 mm
065672	Yellow	230 x 88 x 150 mm

## Group Lockout Centre

- 18 hooks for keys and 2 slots for locks (not included)
- Apply a padlock to the key box to lock out multiple sources of energy controlled by the padlock keys inside the box
- Made of acrylic
- Not designed to prevent forced entry.
- Packaging: 1 piece

Part No.	Description	Size
800127	Lockout Centre 18 hooks	19.5 x 40.6 x 6.4 cm
800116	Lockout Centre 8 hooks	19.5 x 30.5 x 6.4 cm
800117	Lockout Centre 3 hooks	15 x 15 x 8 cm



## Padlock Control Centre

- Red powder coated steel
- Each nickel coated metal hook is large enough to hold two locks (not included)
- Two keys provided for cabinet lock.

Part No.	Description	Size
800118	Padlock Control Centre 18 hooks	39.4 x 45.7 x 5 cm
800119	Padlock Control Centre 8 hooks	25.4 x 30.5 x 5 cm



## Padlock Station

- Steel padlock holder with red plastic coating
- Small holder allows up to 6 padlocks
- Large holder allows up to 36 padlocks

Part No.	Description
800120	Small Padlock Station (station only)
800121	Large Padlock Station (station only)



## Large Lockout Pouch

- Made of nylon with attachment loop on back
- Create your own custom lockout kit and use the pouch to store it neatly
- Dimensions (cm): 20.3 H x 17.8 W x 7.6 D

Part No.	Description
050979	Large Lockout Pouch



## Lockout Belt Pouch

- Made of heavy duty nylon with loops for hanging on a belt
- Simply fill the pouch with the lockout devices you need and have them handy when they are required.
- Dimensions (cm): 12 H x 19 W x 5 D

Part No.	Description
051172	Lockout Belt Pouch



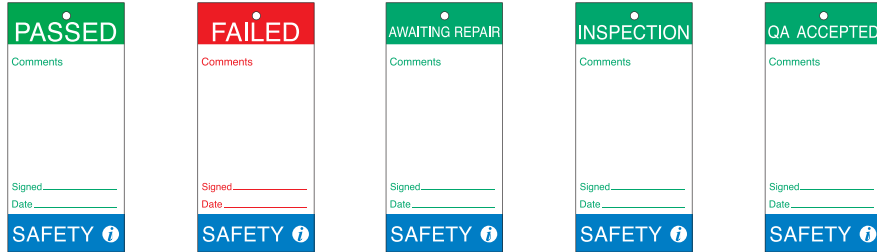
# Tagout



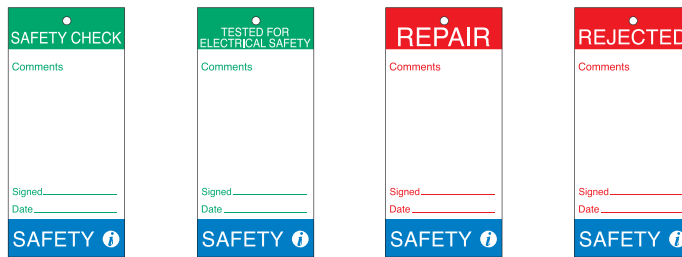
Tagout is the placement of a tag, which indicates that the energy-isolating device and the equipment being controlled **MUST NOT** be operated until the tag has been removed.

## Maintenance and Quality Control Tags

- Back: blank
- Packaging: 10 tags
- Size: 75 x 160 mm
- Material: semi rigid polyester



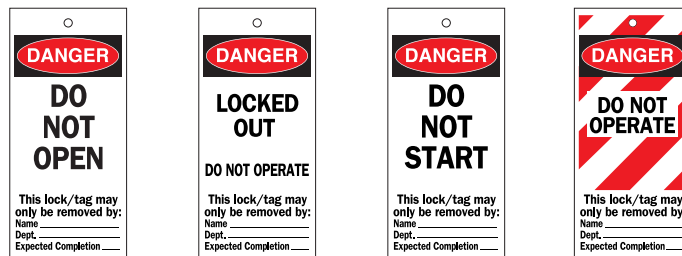
Part No.      230806                      230807                      230808                      230809                      230810



Part No.      230811                      230812                      230813                      230814

## Warning Tags: Machine Related Risks

- Back: blank
- Packaging: 10 tags
- Size: 75 x 160 mm
- Material: semi rigid polyester



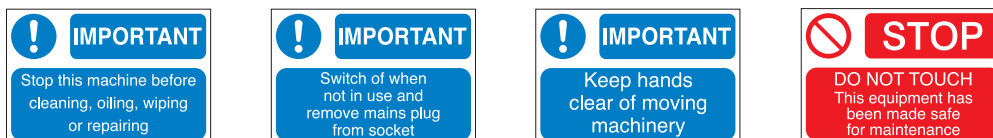
Part No.      230778                      230779                      230780                      230781

## Self-Adhesive Labels: Machine Safety

- Packaging: 1 label
- Size: 100 x 150 mm
- Material: laminated polyester



Part No.      230782                      230783                      230784                      230785



Part No.      230786                      230787                      230788                      230789

## Tagout: Warning Tags

Indicate who is responsible for placing a Lockout device and who is authorised to remove it or make changes to it. The tags are manufactured from a flexible polyester, resistant to water, oil and extreme temperatures. Their matt surface allows you to write on them easily with a ball point or felt-tip pen.

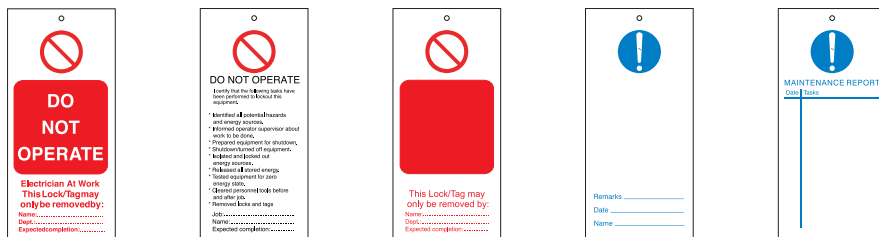
- Packaging: 10 tags with cable-ties
- Sizes: 75 x 160 mm (a) or 50 x 110 mm (b)



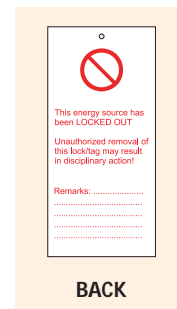
Part No. (a)	262950	262951	262952	262953	262954	262957	265549
(b)	225400	225401	225402	225403	225404	225405	225406



Part No. (a)	265550	262962	262964	262965	265564	265548	256565
(b)	225408	225409	225410	225411	225412	225407	225413



Part No. (a)	256566	256567	256571	225417	225419
(b)	225414	225415	225416	225418	225420



BACK



Part No. (a)	256572	256573	256575	256576	256577
(b)	225421	225422	225423	225424	225425



Part No. (a)	256578	256579	BACK
(b)	225426	225427	



Part No.	Description
087052	Permanent marker



# Lockout Tagout

## Brady Safety Tags

- Brady Safety Tags provide on-the-spot identification of safety measures
- Very easy applications: can be attached in just seconds
- Tags have ties attached and can be applied to just about any part of any machine. There is no need for extra ties!
- The tag is printed on both sides, making sure the vital information is always visible

**Packaging:** 10 tags

**Material:** PVC, 0.2mm

**Sizes:**

Label:	145 x 85 mm
Attachment tie:	15 x 140 mm



Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
Danger	241700	Caution, out of order	241701	Caution, men working on this equipment	241703	Danger, electric shock risk	241708
Danger, live wire	241710	Danger, contains asbestos	241712	Caution, biohazard	241713	Danger, radioactive material	241714
Do not use out of order	241716	Do not switch on	241717	Do not switch on under maintenance	241718	Do not touch	241719
Failed electrical safety test	241720	Tested for electrical safety	241721				

## Safety Tag Station

Organises tags in a central location for easy employee access and eliminates downtime spent searching for the right tag. Accommodates 14.6 x 7.6 cm tags. (tags not included)

**Material:** rugged polycarbonated plastic construction

**Part No.:** 081773



## Tag Holder

This compact, clear plastic holder is designed to hold 50 tags, ties and a marking pen. It comes with adhesive strips, magnetic strips and screws for mounting in a variety of ways. (content not included)

**Part No.:** 800125





## Safety Management System

### Unique tamper-evident safety tag system – No more lost tags!

- Mark your equipment with safety information and maintenance records – ideal for plant equipment, valve identification, ladders, scaffolding and much more
- Helps you comply with health and safety legislation – essential for companies working with ISO 9000
- To use, slide in the Tags of your choice (1 each side) into the Multi-Purpose Tag Holder. Insert Safety Message Tags on slide cover side and secure slide cover with a Seal to ensure only the top or bottom of the tag is displayed
- To secure the completed Tag Holder to your equipment, use Ties (sold separately below) or attach permanently with screws
- Any broken ties or seals will identify misuse
- Add details about the condition of the equipment with Self-Adhesive Labels
- Multi-Purpose Tag Holder with Slide measures 230 x 80mm, made from high-visibility yellow polypropylene
- Tags measure 150 x 50mm, made from durable polyester – ideal for industrial environments
- Overlaminated, write-on, Self-Adhesive Labels measure 50 x 45mm
- Use Permanent Markers to write on Tags and Labels
- Custom printed Tags available on request. Add barcoding, your company logo, or other specific requirements

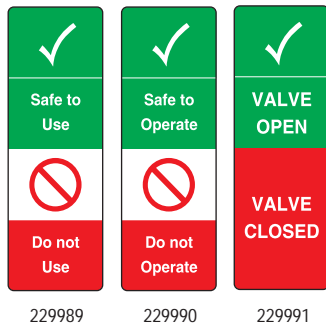


Part No.	Description	Packaging
702213	Blank Multi-Purpose Tag Holder with Slide	10/pck
702225	'Pull-Tite' Seals – Red	1000/pck
702226	'Pull-Tite' Seals – Green	1000/pck
335091	Permanent Marker Pens	1 piece

### Safety Message Tags & Maintenance Record Tags

Highly durable tags in polyester, size 150 x 50 mm.  
Use a permanent marker pen for writing on you details

#### SAFETY MESSAGE



229989      229990      229991

#### MAINTENANCE RECORD



229992      229993      229994      229995      229996

Part No.	Description	Packaging
229989	Safe To Use/Do Not Use	10
229990	Safe To Operate/Do Not Operate	10
229991	Valve Open/Valve Closed	10
229992	Equipment Inspection Record	10
229993	Valve Inspection Record	10
229994	Ladder Inspection Record	10
229995	Fork Lift Truck Inspection Record	10
229996	Scaffold/Tower Inspection Record	10

### Self-Adhesive Labels

Write-on labels in self-adhesive laminated polyester, size 50 x 45 mm.

Use with a permanent marker pen.



229997      229998      229999

Part No.	Description	Packaging
229997	Do Not Use Equipment – Fault	20
229998	Do Not Switch Power On	20
229999	CAUTION Machinery Locked Out	20

### Coloured Nylon Ties

Allow colour coded application

**Size:** 200 mm x 4 mm

**Material:** nylon

**Packaging:** 100 pieces

Part No.	Colour	Part No.	Colour
229955	White	229959	Yellow
229956	Blue	229960	Green
229957	Red	229961	Violet
229958	Orange	229962	Black

### Magnetic Signs

Easy to apply and remove  
**Size:** 105 x 148 mm  
**Packaging:** 5 pieces

CONTACT YOUR  
 BRADY SPECIALIST  
 FOR INFORMATION ABOUT  
 CUSTOM MAGNETIC SIGNS



Part No. 256964



256965



256966



256967

## BRADY "Customize-it" order form

Please complete the following steps to order your custom label  
 (If more than one is required, please photocopy the original form and complete it)

- Step 1:** Choose the desired **Tag**: tick where applicable
- Step 2:** Choose a **Size**
- Step 3:** Write the required **Quantity**
- Step 4:** Write the required **Text** in box provided
- Step 5:** **Fax** this filled out order form to your Brady Specialist



### TAG








### Sizes

- 75 x 160mm
- 50 x 110mm

### Quantity (Packaging: 10 tags with cable ties)

..... packs

### Your text

# www.bradyeurope.com

another good reason to identify with Brady



Surfing [www.bradyeurope.com](http://www.bradyeurope.com) is a simple, efficient and timesaving way to learn more about BRADY products and applications, industry developments, events, promotions, etc. anytime, anywhere.



For looking up technical data sheets, downloading upgrades to your Brady printers and software or fast registration of your Brady products, there's just one address: [www.bradyeurope.com](http://www.bradyeurope.com)

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Fax +49 (0) 6103 7598 670

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**Brady Sweden**

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Phone +46 (0) 8 590 057 30  
Fax +46 (0) 8 590 818 68

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**Brazil** 55-11-3686-4720  
**Canada** 1-800-263-6179  
**China (Beijing)** 86-10-6788-7799  
**China (Shanghai)** 86-21-6886-3666  
**China (Wuxi)** 86-510-528-2222  
**Hong Kong** 852-2359-3149  
**Japan** 81-45-461-3605  
**Korea** 82-31-704-8414  
**Latin America** 1-414-540-5560  
**Malaysia** 60-4-646-2700  
**Mexico** 525-399-6963  
**New Zealand** 61-2-8717-2200  
**Philippines** 63-2-658-2077  
**Singapore** 65-6775-7261  
**Taiwan** 886-2-2345-1430  
**Thailand** 66-2-943-0777  
**U.S.A.** 1-800-537-8791

Your distributor



Y462375