

5 SAFES & SECURITY CABINETS

Choosing the right safe

Every business needs to protect its assets, whether they be data or software, documents or valuables. As distributors for all major safe manufacturers, our comprehensive range of new and professionally refurbished (second user) safes offer an affordable and suitable solution for every need, and our advice is free.

Which type of safe do you need?

Choosing the right type of safe for your needs is crucial, but easy (with a little guidance), as long as you know what you want to protect. There are basically three types of safe available, each being designed to protect against a specific type of threat.

- **Burglary safes** are designed to protect the contents against theft but offer only very limited protection against fire, and will be totally inadequate as a data safe.
- **Fire safes** are designed to protect stored documents against fire damage and will maintain an internal temperature below 200°C (the point at which paper ignites). Firesafes generally have a minimal (if any) cash storage rating and are not suitable for use as a data safe.



- **Data safes** are designed to protect data media (tapes, disks, CDs etc) against damage by fire, humidity and electro magnetic contamination. They are designed to maintain an internal temperature below 52 degrees C (much lower than a fire safe, but the temperature at which data storage media is corrupted), with humidity at less than 85 percent.



Testing and test standards

Various international test standards exist against which manufacturers have their products tested and rated. A good safe will carry a fire protection rating, data protection rating or security rating (normally expressed as an overnight cash storage value) dependent on the type of safe.

If in doubt about the appropriateness of a particular safe model for the task in hand, your Insurers should be able to offer independent advice, however below are set out manufacturers guidelines and an outline of the main currently used test standards.

Manufacturers recommended cash ratings (suggested ratings should be checked with your insurers). Typically manufacturers will suggest the

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security rating for a safe, expressed as an overnight cash storage rating. The industry standard for storage of valuables is generally to multiply the cash rating by a factor of 5 for commercial use and by a factor of 10 for safes installed in domestic properties, i.e. a safe with a £10,000 cash rating installed in a domestic location would have a nominal valuables rating of £100,000.

The industry standard is the Eurograde

Euro Grade	Cash Rating
0	£ 5,000
1	£ 10,000
2	£ 17,500
3	£ 35,000
4	£ 60,000
5	£ 100,000
6	£ 150,000

Higher levels of security are only achievable with a purpose built vault or de-mountable strongroom.

Fire test standards

Fire tests can vary enormously, from simple heat up and cool down tests to more demanding tests which involve heating, dropping, cooling and reheating the unit on test. Factors such as the external temperatures applied to the safe during testing and where appropriate the height from which the unit is dropped (and on to what sort of receiving surface) may vary between the different test standards, so for instance a 1 hour fire rated unit tested under one standard may not achieve the same rating if tested under a more demanding standard.

Summary of Generally Quoted Fire Test Standards (for Document and Data Safes)

Test Standard	Basic Fire Test	Other Tests	Class	Temp max/rise	Humidity max
UL 72 (Underwriters Laboratories USA)	Fire Endurance	1. Explosion hazard 30 mins @ 1093 deg C, furnace cool. 2. Fire & impact, heat for 30,45 or 60 mins. drop 9.14m, invert & reheat for 30, 45 or 60 mins. Furnace cool	350 150 125	177deg C 66deg C 52deg C	– 85% 80%
VDMA 24991 (Germany)	Fire Resistance Test	Fire shock & drop – Heat for 30,45 mins. at 1090 deg C, drop 9.14m, reheat for 30, 45 mins. Furnace cool, max temperature measured	P D DIS	150deg C 50deg C 30deg C	– 85% 80%
Nordtest NT Fire 017 (Sweden)	30, 60, 90 or 120 mins (+water cooling)	optional 4m drop carried out after heating period and before water cooling No soak out period	Paper Data	150deg C rise 50deg C rise N.B. temperatures measured at less sensitive positions than UL or VDMA	
JIS S1037 (Japan)	60, 120 or 180 mins (+water cooling)	1. rapid heating, 30 mins @ 900 deg C 2. optional drop, heat for 30, 45 or 60 mins. Drop 4m, air cool for 30 mins	Paper Data	180deg C rise 65deg C rise N.B. temperatures measured at less sensitive positions than UL or VDMA	

our thanks to Chubb Safes for providing the above summary of test standards

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Our range of data safes offer excellent value for money and include models to meet any pocket or requirement. For larger capacity needs we can also offer a selection of fully refurbished units at second user prices!

WARNING

'Fire' or 'Burglary' Safes should not be used as Data Safes as they are not designed to maintain the stringent internal environmental conditions required to ensure the safe storage of data media.

Budget price data safes

Although typically fire or data safes are not recognised by Insurers as being secure enough for storing cash or valuables, our super value Omedia Data Safe is insurance rated for the storage of £1,500 cash.



The Omedia data safe

product ref **SD OMED 30**

A compact, rugged safe offering storage for up to 120 x 3.5" diskettes (or equivalent tapes, etc) in the insert tray supplied. The double insulated cabinet is designed to maintain internal temperature at or below 52°C for up to 1 hour in the event of a fire and is fitted with dual locking mechanisms (keylock and combination lock) for maximum security.

DIMENSIONS (mm)	H	W	D
Internal	145	290	180

Weight 55 kg (approx)

LOCKING

Dual locking mechanism

Combination and key locks fitted (2 keys supplied)

CASH RATING

£1,500.00



Data-Care data safes

product ref **SD PH2001 / 2 / 3**

These units offer affordable no nonsense protection for your data. During tests (in accordance with the Swedish Fire Test Standards) model 2003 maintained an internal temperature below 40°C for up to 90 minutes when subjected to an external 1000°C.

Storage capacities
 model 2001 / 2 / 3 up to 274 / 600 / 2960 x 3.5" diskettes (or equivalent tapes, etc) respectively.

DIMENSIONS (mm)	H	W	D
model 2001 (Internal)	243	152	187
model 2002 (Internal)	335	235	220
model 2003 (Internal)	490	390	400
WEIGHTS (approx)	57 kg	96 kg	265 kg
LOCKING			
Key Lock fitted (2 keys supplied)			
CASH RATING			
not rated for cash			



Chubb Firecooler data safes

prod ref **SD CHFC01**

A data safe tested to UL 60 std.
 Storage capacity up to 105 x 3.5" diskettes or equivalent.

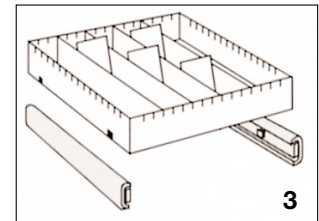
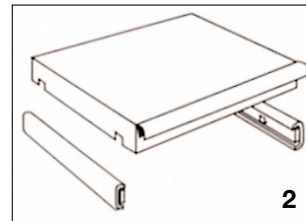
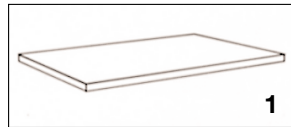
DIMENSIONS (mm)	H	W	D
Internal	149	159	225
Weight (approx) 32 kg			
LOCKING			
Key Lock fitted (2 keys supplied)			
CASH RATING			
not rated for cash			

VMDA rated data safes

The VDMA standard represents the most rigorous of the world wide test standards currently available and is a natural requirement where maximum security is essential. The following safes are all VDMA rated (60 or 120 minutes) and are supplied as empty shells in order that purchasers can select the shelving / internal fittings as appropriate to their specific needs.

Optional Extras

1. Fixed Shelf
2. Pull out Shelf
3. Fitted pull out drawer
4. Electronic Combination Lock (not shown) replaces keylock



Chubb Micro-Data safes

prod ref **SD CHD040 / 080**

A range of data safe tested to VDMA 60 std

DIMENSIONS (mm) H W D

Internal (mod 040) 370 320 320

Internal (mod 080) 450 420 435

Weight (approx) 135 kg / 195 kg

LOCKING

Key Lock fitted (2 keys supplied)

CASH RATING

not rated for cash



Chubb CS data cabinets

prod ref **SD CS280/11/22/31/52**

A range of data safe tested to VDMA 120 std

DIMENSIONS (mm) H W D

Internal (mod /11) 588 472 410

Internal (mod /22) 1088 472 410

Internal (mod /31) 1548 472 410

Internal (mod /52) 1350 930 415

Weight (approx) 440 / 675 / 806 / 850kg

LOCKING

Key Lock fitted (2 keys supplied)

CASH RATING

not rated for cash

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Rosengren Multi-Data range

prod ref **SD ROS202 / 212 / 224 / 234 / 254 / 344**

Models 202 / 212 / 224 tested to VDMA 60 std

Models **234 / 254 / 344** tested to VDMA 120 std

DIMENSIONS (mm) H W D

Internal (mod 202) 232 481 325

Internal (mod 212) 432 481 325

Internal (mod 224) 582 481 325

Internal (mod 234) 932 481 325

Internal (mod 254) 1632 481 325

Internal (mod 344) 1350 930 415

Weight (approx) 235 / 305 / 340 / 455 /

660 / 760kg

LOCKING

Key Lock fitted (2 keys supplied)

CASH RATING

not rated for cash

Save £££'s on larger capacity safes – with one of our professionally refurbished units

Our refurbished units are insurance approved and fully overhauled prior to despatch, with lock mechanisms, door seals, etc. being replaced as appropriate. The external paintwork is stripped back to bare metal and new paint applied so you would probably be hard pressed to tell one of our refurbished units from a new unit.

Data safes capacity / dimension table

prod ref	dimensions (mm)						weight (Kg)	suggested cash rating	fire rated mins (nom) tested	nominal capacity	
	internal			external						3.5" disc	DLT
	H	W	D	H	W	D					
SD OMED30	145	290	180	380	490	390	55kg	£1,500	60 (VDMA)	120	equiv
SD PH2001	243	152	187	430	350	420	57kg	£ nil	90 (Sweden)	274	14
SD PH2002	335	235	220	550	450	460	96kg	£ nil	90 (Sweden)	600	34
SD PH2003	490	390	400	750	650	700	265kg	£ nil	90 (Sweden)	2980	189
SD CHFC01	149	159	225	267	295	445	32kg	£ nil	60 (UL)	105	10
SD CHD040	370	320	320	644	544	566	135kg	£ nil	60 (VDMA)	792	52
*SD CHD050	388	263	433	860	610	780	140kg	£ nil	60 (VDMA)	1008	50
SD CHD080	450	420	435	723	644	671	195kg	£ nil	60 (VDMA)	1920	135
*SD CHD150	600	573	447	1140	970	830	300kg	£ nil	120 (VDMA)	4032	216
SD CS280/11	588	472	410	990	834	807	440kg	£ nil	120 (VDMA)	2660	168
SD CS280/22	1088	472	410	1490	834	807	675kg	£ nil	120 (VDMA)	5320	378
SD CS280/31	1548	472	410	1950	834	807	806kg	£ nil	120 (VDMA)	7980	546
SD CS280/52	1350	930	415	1780	1230	740	850kg	£ nil	120 (VDMA)	13104	1248
SD ROS202	232	481	325	680	780	620	235kg	£ nil	60 (VDMA)	768	34
SD ROS212	432	481	325	880	780	620	305kg	£ nil	60 (VDMA)	1536	102
SD ROS224	582	481	325	1030	780	620	340kg	£ nil	120 (VDMA)	1920	136
SD ROS234	932	481	325	1380	780	620	455kg	£ nil	120 (VDMA)	3072	238
SD ROS254	1632	481	325	2080	780	620	660kg	£ nil	120 (VDMA)	5760	442
SD ROS344	1350	930	415	1780	1230	740	760kg	£ nil	120 (VDMA)	13000	1248
*discontinued											

Fire safes

A fire safe is designed to protect stored documents against damage by an external fire. A fire safe should not be used as a data safe as it will not provide adequate protection and most fire safes offer limited protection against theft and carry low or no cash rating.

WARNING in addition to accidental fires, there are over 228,000 arson attacks in the UK each year!



A wide range of other makes (including Chubb, Rosengren, etc.) and models available. Please call for details



Testing

To achieve a fire rating, a document safe must maintain an internal temperature at or below 200 degrees centigrade (the point at which paper will ignite).

Each fire safe is rated according to specific tests carried out on that particular make and model. Ratings are normally expressed as a number of minutes combined with the test (or test body) applied, e.g. VDMA 60 would signify a safe rated to protect its contents for 60 minutes based on the European VDMA test.

The safes shown below are indicative of the styles available however we can supply virtually any make or model of safe at competitive prices, in addition to which we offer an excellent range of reconditioned (larger) units at a significant saving on the price of an equivalent new unit.



Firefighter 400 range of fire safes

prod ref **SG FF401 / 402 / 403**

The modern compact design of these units belies the internal capacity. Suitable for business or domestic use, these safes can protect internal documents from external temperatures as high as 1015 degrees C.

DIMENSIONS (mm)	H	W	D
Internal (401)	330	270	300
Internal (402)	425	350	330
Internal (403)	590	510	510
Weights 50 / 86 / 243 kg (approx)			
LOCKING Key Locking			
CASH RATING up to £1,500			



Fire commander 1900 range of fire safes

prod ref **SG FC1901 / 1902 / 1903**

The fire commander offers protection against fire and burglary. These safes offer up to 3 hours protection at temperatures up to 1000 degrees C and are cash rated for up to £2,500. Fitted as standard with dual code digital electronic lock.

DIMENSIONS (mm)	H	W	D
Internal (1901)	980	475	350
Internal (1902)	1450	595	440
Internal (1903)	1510	950	490
Weights 288 / 494 / 737 kg (approx)			
LOCKING Key Locking			
CASH RATING up to £2,500			

Cash / burglary safes

A burglary safe is designed to protect its contents against theft or unauthorised removal. Standard burglary safes are not designed to protect against risks such as fire, and are unsuitable for use as a fire safe or a data safe.

Insurance ratings for overnight storage of cash and valuables vary according to safe / model, with a maximum overnight storage (for stand alone safes); cash up to £150,000 or valuables up to £1,500,000. For higher risks a purpose designed vault or de-mountable strongroom should be considered. The safes shown below are indicative of the styles and types of unit available, however we can supply virtually any make or model of safe at competitive prices.



The caravan / boat / domestic safe

prod ref **SG CVAN**

This mighty midget weighs in at just 10kg and is supplied with a full fixing kit including a special support plate to aid rear or base fixing to less substantial bulkheads or floors in boats or caravans. Features include; 3mm steel plate construction, 7 lever double bitted keylock, concealed hinges, adjustable shelf, rear and base fixing points.

DIMENSIONS (mm)

internal	H	W	D
	234	279	160

Weight 10 kg (approx)

LOCKING

Key Locking Mechanism
7 lever double bitted key-lock
(2 keys supplied)

CASH RATING £1,000.00



Safeguard compact safe

prod ref **SG G200**

Ideal for use in the home, office or warehouse, this unit features a clever twin wall construction that offers robust protection for minimum weight. The spacious interior is large enough to accommodate A4 papers either horizontally or vertically. Other features include; dual locking (16 pin keylock and a user settable electronic combination lock), concealed hinges, adjustable shelf and rear and base fixing points (fixing bolts supplied).

DIMENSIONS (mm)

internal	H	W	D
	310	310	220

Weight 27 kg (approx)

LOCKING

Dual locking (key and combo)
16 pin key-lock (2 keys supplied) plus user resettable electronic combination lock

CASH RATING £1,500.00



Continental range cash/fire safe

prod ref **SG CN1151 / 52 / 53**

Designed to conform to VDMA 24992 standard the Continental safe range offers protection against fire and burglary attack.

Available in three sizes, offering accommodation for files, contracts, deeds and valuables.

DIMENSIONS (mm)

internal	H	W	D
(1151)	175	226	120
(1152)	236	350	285
(1153)	500	350	285

Weight 20 / 32 / 55 kg (approx)
 LOCKING Key Locking
 CASH RATING up to £2,000.00



Rosengren Multisec range cash/fire safe

prod ref **SG MSEC200 / 220 / 240 / 250**

Tested and certified to Eurograde 0 & 1 and also fire tested to NT017, the Multisec Range of safes offer protection against fire and burglary attack. Each safe is available with a choice of either Grade 0 or Grade 1 Euro Rating e.g. MSEC200 is Grade 0, MSEC201 is Grade 1 rated.

DIMENSIONS (mm)

internal	H	W	D
(S200/1)	335	582	355
(S220/1)	685	582	355
(S240/1)	1385	582	355
(S250/1)	1735	582	355

Weight 230 /320 /520 /620 kg (approx)
 LOCKING Key Locking
 CASH RATING up to £10k (£5k grade 0)

De-mountable strongroom

Where a higher level of security is required than can be achieved with a stand alone safe, a de-mountable strongroom could provide the answer. Unlike a permanent structure such as a vault, a de-mountable unit can be dismantled and relocated should circumstances demand it and the nature of a de-mountable unit also means that for accounting purposes, such units are classed as plant and machinery, thus potentially offering certain tax advantages over permanent structures.

The de-mountable strongroom is designed to offer protection against all forms of attack including diamond core drilling and staggered multiple explosive charges. The prefabricated strongroom provides banks and other organisations handling large amounts of cash or valuables with a custom built high security strongroom that can be installed quickly and if necessary, adapted to suit changing volume requirements. Each of the robust wall sections fully interlocks with adjacent wall, roof and (optional) floor sections. During installation panels are bolted together internally for maximum security.

