

PRODUCT DATASHEET

Nylon Body Safety Padlock



Description

The NC38 is a durable, lightweight safety padlock designed for lockout/tagout (LOTO) applications. It features a reinforced nylon body, a high-strength nylon shackle and a high-security dimple key cylinder.

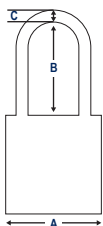
Its key-retaining mechanism prevents the key from being removed while the padlock is open, supporting safer isolation procedures. The non-conductive nylon body and shackle make it suitable for applications where electrical conductivity must be minimised.

Key Features and Benefits

- High-security dimple key cylinder with up to 100,000 available key combinations.
- Supplied with one key per padlock; additional keys are available.
- Padlock body and key are permanently marked with the matching key number for easy identification.
- Key-retaining mechanism prevents the key from being removed while the padlock is open.
- Keying options include Keyed Different (KD), also known as Keyed to Differ, Keyed Alike (KA), and Master and Differ systems.
- Nine body colours support clear identification and departmental colour coding: red, blue, yellow, green, purple, black, orange, white and teal.
- Standard safety/owner labels are fitted to both sides; engraving and bespoke labels are available on request.
- Reinforced nylon body and high-strength nylon shackle provide a lightweight, non-conductive solution for lockout/tagout applications.
- Brass internal components provide good resistance to corrosive and demanding industrial environments.

Dimensions

CODE	(A) Body Size	(B) Shackle Clearance	(C) Shackle Diameter	Weight
NC38(*)(**)	38 mm (1½ in)	38 mm (1½ in)	6.4 mm (¼ in)	74 g (2.6 oz)



* identifies the body colour in the product code.

** identifies the keying option; no suffix = Keyed Different (KD), K = Keyed Alike (KA).

Materials

- Body: reinforced nylon.
- Internal locking mechanism: brass.
- Shackle: high-strength nylon.

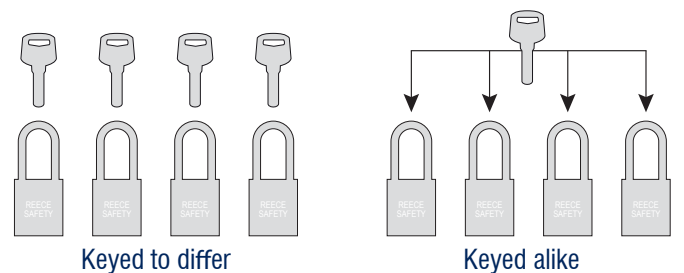
PRODUCT CODE: NC38



Application

- Lockout/tagout (LOTO) and safe-isolation procedures.
- Electrical and mechanical equipment isolation.
- Industrial, manufacturing and commercial workplaces.
- Maintenance, servicing and repair operations.
- Indoor and outdoor applications.
- Applications where a non-conductive padlock body and shackle are required.
- Employee, department or site identification through colour coding and custom labelling.

Keying Options



Resistance

- Chemical resistance to alcohols, greases, oils and ketones.
- Operating temperature range: -20°C to 120°C (-4°F to 248°F).
- Non-conductive nylon body and shackle.
- Suitable for caustic and corrosive environments.
- Rustproof construction.
- Spark proof.
- UV-stabilised coloured nylon.
- Dielectric constant: 3.6.