

Qoltec[®]



SAFETY WARNINGS FOR USE CLAMPING BANDS

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

The clamps offered by the manufacturer NTEC sp. z o.o. are CE-certified, which proves their compliance with EU safety standards.

Use hose clamps according to their intended use and the manufacturer's recommendations.

BASIC HAZARDS AND PRECAUTIONS

1. Mechanical damage to the tie

- Too tight or too loose a clamp can lead to damage to the material, reducing its effectiveness. Too tight a clamp can cause the tie to break, while too loose a clamp can lead to loosening and loss of fixing function.
- Tightening the clamp too tightly can damage the components to be fixed, such as cables, leading to breakage or rupture of the insulation.
- If the clamp is not clamped evenly, this can lead to uneven pressure on the parts to be clamped, resulting in damage to the parts or sub-optimal alignment.

2. Durability of the connection

- Low-quality clamps may break when subjected to excessive loads or changing weather conditions, leading to a loss of fixing stability.
- The use of incorrectly sized ties, e.g. too small for large components, can result in rapid damage or breakage.
- Clamps used at temperatures below the specifications may lose their mechanical properties over time, leading to breakage or distortion.

SPECIFIC HAZARDS OF USE

3. Weather resistance

- Temperatures above the specified temperature can cause the tie material to soften, leading to a loss of strength and fixing function. In extreme cases, melting of the material can occur.
- At temperatures below specification, tie materials can become brittle and crack more easily, which can lead to a loss of functionality in winter conditions.

4. Chemical reactions

- Clamps made of Nylon 66 show high resistance to chemicals such as oils, acids, solvents, thus largely avoiding the weakening of the material structure and consequent premature failure of the clamp.
- Ties made of materials that are not resistant to aggressive substances can dissolve or delaminate, which can lead to failure of the entire fixing system.

MAINTENANCE PRECAUTIONS

5. 🛠 Maintenance:

- A lack of regular maintenance of the clamps, such as checking their condition and cleaning, can lead to their weakening, increasing the risk of damage and loss of functionality at critical times of use.
- 6. 🗑️ Storage:**
- Storing zip ties in areas of high humidity or extreme temperatures can accelerate the ageing process of the material, leading to brittleness and easier breakage.
 - Storing ties in the wrong way, e.g. loose or under high pressure, can lead to crushing or deformation, which reduces their strength and functionality.
 - Ties can become scratched or cracked if they are stored in a way that exposes them to sharp objects or other materials, which can lead to a weakening of their structure.

ADDITIONAL WARNINGS

7. Child safety:

- Keep the wristbands away from children to avoid injury or damage to the product.
- The lack of adequate safeguards increases the risk of children accidentally coming into contact with tools.

8. Avoid modifications:

- Do not attempt to modify or repair the product yourself. In case of problems, contact the manufacturer or its authorised service centre.

9. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as an unusual appearance, smell or sounds, contact the service department.
- If you observe any unsafe product behaviour, contact the manufacturer urgently.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

NTEC sp. z o.o.
44B Chorzowska Street
44-100 Gliwice
POLAND
info@qoltec.com
tel: +48 32 600 79 89