

Qoltec[®]



SAFETY WARNINGS FOR USE FILAMENTS FOR 3D PRINTERS

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.

Filaments for 3D printers on offer from manufacturer NTEC sp. z o.o. are CE-certified, which proves their compliance with EU safety standards.

Use 3D printer filaments as intended and as recommended by the manufacturer.

BASIC HAZARDS AND PRECAUTIONS

1. Risk of burns

- Filaments melt at high temperatures; avoid contact with melted material and heated printer parts.
- Operate the 3D printer only with thermally insulated tools and handles.

2. Risk of harmful emissions

- Use filaments in well-ventilated areas to minimise the inhalation of fumes.
- Avoid using filaments such as ABS in small, confined spaces due to irritant emissions.

3. Mechanical risks:

- Avoid excessive bending or breaking of the filaments to prevent accidental breakage and possible injury

4. Compatibility risks:

- Make sure the filament is compatible with your 3D printer model (diameter, material type) to avoid problems with the extruder.

SPECIFIC HAZARDS ARISING FROM USE

5. When inserting filaments:

- Insert the filament according to the printer manufacturer's instructions. Avoid using force so as not to damage the extruder mechanism.
- Ensure that any residue of the previous material is removed before inserting the new filament.

6. When working with different materials:

- When changing the type of filament (e.g. from PLA to PETG), follow the recommendations for cleaning the head to avoid problems with mixing of materials.
- Choose filaments that are compatible with the 3D printer's settings.

7. Risk of overheating:

- Do not leave your 3D printer unattended while printing to avoid overheating the device and degrading the filament.

MAINTENANCE PRECAUTIONS

8. Filament storage:

- Store the filaments in a dry place, protecting them from moisture, which can affect the quality of the print.
- Use moisture absorber packs (e.g. silica gel sachets) to prevent the material from soaking up water.

9. Cleaning the printer:

- Regularly clean the print head and extruder according to the manufacturer's recommendations, especially when changing filaments.

10. Status check:

- Check the filaments for damage, such as cracks, which can affect the feeding process.

ADDITIONAL WARNINGS**11. Child safety**

- Keep filaments out of the reach of children to avoid accidental swallowing of material or contact with hot parts.

12. Avoid modifications

- Do not attempt to modify the filaments (e.g. by cutting them into smaller sections), which may affect their quality or cause feeding problems.

13. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- 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

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