

3D Printed Items: Product Safety Guidance. (Revision 01)

Product Policy

In line with an open and honest approach to doing business here is the product safety guidance.

3D Printed Parts.

If you are not sure how 3D Printing (Fused Filament Fabrication, FFF) works there is a great deal of information on the Internet. Please note that even a finely tuned and well maintained printer can introduce slight artefacts into the printed item. Due to the seemingly endless number of variables in FFF these artefacts are inevitable. For hobbyists this is not generally important as function is more important than a very slight issue in appearance.

The products have been used on personal hobby projects for some time, everything requiring a 'tuning knob' or bezel has a 3D printed one.

Ordering parts means that you recognise and accept this product safety guidance in its entirety.

Bezels and Knobs

These are intended to be used ONLY in hobby electronics projects, including Ham Radio (Amateur Radio).

As someone engaged in these hobbies you are expected to be aware of the risks associated with them.

The following information is not exhaustive; your awareness of hobby risks should fill in anything left unsaid.

Small Parts.

The fixings supplied are small and could present a choking or swallowing hazard to young children. Keep these items away from young children. Ensure that all fixings are installed correctly so that they do not work loose and can be found by young children.

Post Processing

Post-Processing includes any adaptations that are made to the product for your use, including the suggested adaptation of drilling or enlarging holes.

If you are a home constructor operating your home workshop you are responsible for mitigating any risks associated with post-processing and use of any hand tools or machinery during that activity. This involves any safety precautions and safety equipment that are associated with this activity.

Safety Critical Applications.

The products are not designed, tested nor intended to be used in safety critical applications or scenarios. These would include any medical purpose, aerospace, automotive, military, food-production, animal contact during their care or marine/aquatic environments. They are not intended to be used in harsh environments or weather conditions. This is not an exhaustive list.

Damage to equipment.

The responsibility for assessing the suitability of the product for your application rests with the user of the product. Should you damage any equipment in any way during installation and/or subsequent use, the responsibility rests with the user.

The product in use

The handling and use of the product while in use is the responsibility of the end user. The supplier will not accept any responsibility for any issue arising from use of the product.

Other damage or loss.

Any other damage or loss during in the installation and use of this product is the responsibility of the user. No liability will be accepted.

Disposal of the product at the end of working life.

Check your local waste handling rules and regulations for the disposal of PLA. (Polylactic acid)

Any fasteners used, grub screws, nuts, screws, washers, spacers etc should be sorted and re-used in your workshop.

Materials Used.

Filament:

Multicomp Pro 1.75mm PLA 3D Filament Black. Printing Temperature. Catalog Number: MK00902

Technical Datasheet: <https://www.farnell.com/datasheets/2829056.pdf>

Supplier: CPC (Premier Farnell) Component House, Faraday Dr, Fulwood, Preston, PR2 9PP (<https://cpc.farnell.com>)

Screws and nuts.

Supplier not named.

Here is a link to all the problems that can arise when setting up and tuning a 3D Printer. (Link: [3D Print troubleshooting](#))