

# Magigoo Product Description

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- Thought3D Company (p1)
- Magigoo (p2-3)
- How to use (p4)
- Sample packs (p5)
- How to use sample packs (p6)
- Features (p7)
- Benefits (p8)
- Testimonials (p9)

magigoo

Thought3D Ltd (T3D) is a limited liability company, founded in 2014 in Malta. T3D was setup as an R&D company focusing on Additive Manufacturing/3D Printing.

T3D develops new materials and technologies to solve problems in the 3D printing industry. Its first market ready product is MAGIGOO®, an all-in-one smart adhesive for FDM desktop 3D printing, designed specifically to keep 3D prints in place during the 3D printing process and allowing the easy removal when printing is complete.

MAGIGOO® was launched in October 2015 at TCT 3D Printing Show in Birmingham. For its successful commercialisation efforts T3D has received multiple competitive grants as well as awards e.g.

- ✓ Best Emerging Company at TCT+ Personalise Show 2015,
- ✓ Malta Innovation Award 2015 for Best Technological Innovation and
- ✓ WIPO IP Enterprise Trophy.

In August 2017 T3D will shift Magigoo to its third and final iteration, which incorporates 2 years of client feedback. The new packaging and formulation has been extensively tested and delivered a paramount user experience.

Besides original Magigoo, T3D is currently working on

- ▶ New formulations for engineering plastics e.g. Nylon,
- ▶ New formulations for high temperature plastics e.g. PEEK.
- ▶ Filament pre-treatment device for filament drying.
- ▶ Production technology for sterilisation of liquid chemical products.



## Magigoo Pen

### MAGIGOO® Pen 50ml - Consumer proc

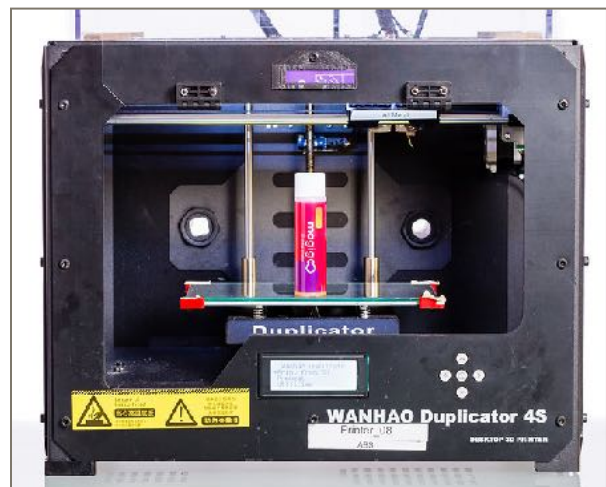
- ✓ 50ml Pen,
- ✓ Folded instructions leaflet
- ✓ Box 165mm\*35mm\*35mm
- ✓ Safety Data Sheet



### Magigoo in one sentence:

MAGIGOO® is an all-in-one 3D printing adhesive that offers sure adhesion with magic release.

**What is Magigoo for?:** Magigoo is an easy to use 3D printing adhesive designed to address “the first layer not sticking problem”, the most common problem found in FDM 3D printing technology. This problem occurs when a print detaches itself from the printing platform ruining itself. Perfecting the first layer is vital to get a great foundation for rest of the print. In addition, Magigoo also helps to combat 3D print warping.



## MAGIGOO® Pen 120ml - Industrial product

- ✓ 120ml Pen,
- ✓ Folded instructions leaflet
- ✓ Box 170mm\*40mm\*40mm
- ✓ Safety Data Sheet



**What is Big Magigoo for?:** A Big Magigoo bottle was designed with industrial user in mind. It is easier and quicker to apply on build surfaces as big as 1m\*1m. Magigoo big bottle is for printing farms, prosumers, heavy duty 3D printing with PLA, ABS, PETG, HIPS. Its still releases and cleans easily - that little extra convenience can bring a lot of appreciation with professionals who do not have time to play around.

Suggested to be used with BigRep, Raise3D, MarkForged, Wasp, Builder3D,



## How to use?

1: Shake before use



2: Apply with thin even layer



3: Sticks when **HOT** and releases when **COOL**

4: After use clean with water / damp cloth



# Magigoo Sample Pack

## MAGIGOO® Sachets

Samples for workshops or bundling

- ✓ Three 2ml/0.07fl.oz Sachets
- ✓ Backdrop with instructions
- ✓ Backdrop size 9cm\*28cm
- ✓ Shipment package depends on amount
- ✓ Safety Data Sheet



Simple and affordable way to try MAGIGOO®: Sample pack has been specially designed with new adopters in mind. Its conveniently small and easy to hand out, either in person at trade fairs or just send by ordinary post. Its one time use packaging makes it ideal product also for 3D printing related workshops.

### Bundle with everything!:

Sample pack is convenient to bundle with other relevant products like samples of 3D printing plastic, filament rolls or other



FRONT

BACK

- ✓ Good for 3 trial 3D prints
- ✓ Printing bed temperatures:
  - ▶ 40-60 °C / 104-140 F for PLA and
  - ▶ 90-110 °C / 194-230 F for ABS.
- ✓ Great for one time use and workshops
- ✓ Is water soluble and it is easy to clean with just damp cloth.
- ✓ Non-toxic - safe for intended use.

## How to use?

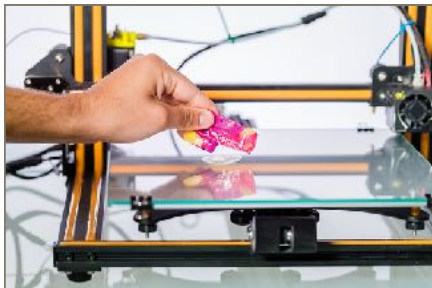
1: Remove Magigoo pack



2: Tear the pack open



3: Put some Magigoo on the cold build plate



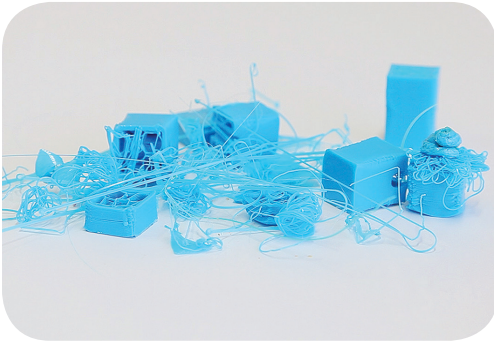
4: Tear an applicator card



5: Apply Magigoo as evenly and in thin layer as possible. Collect excess Magigoo to the sides and remove with a tissue or cloth



## Have you ever experienced failed or warped 3d prints?



In FDM/FFF 3D printing first layer issues are one of the most common problems. A perfect first layer is vital to get a great foundation for the rest of the print. Your 3D print will probably fail or warp if it does not stick to the bed properly. In addition once a 3D print adheres well and prints successfully, it is vital to get it off easily without damaging the end result or printer.

## Magigoo - all you need for sure adhesion of 3D prints



### Easy Application

Applying Magigoo is as easy as child's play. Just shake it like you mean it, press the nib against the build plate to get Magigoo flowing and spread it in a thin even layer.



### Easy Release

Magigoo's adhesive properties are designed to release the 3D print once the build plate has cooled. You will hear a distinctive 'crackling' sound during the cooling process. Once cooled, 3D prints can easily be removed without the use of tools or any excessive force.



### Long-Lasting

Print and print and print some more. With one Magigoo 50ml pen, you'll be able to print over a 100 prints. Apply every time for sure adhesion, do not risk a failed print.



### Multi-Material

Magigoo works with the most commonly used plastic filaments such as PLA, ABS, HIPS, PET-G and even some brands of Nylon.



### Odourless

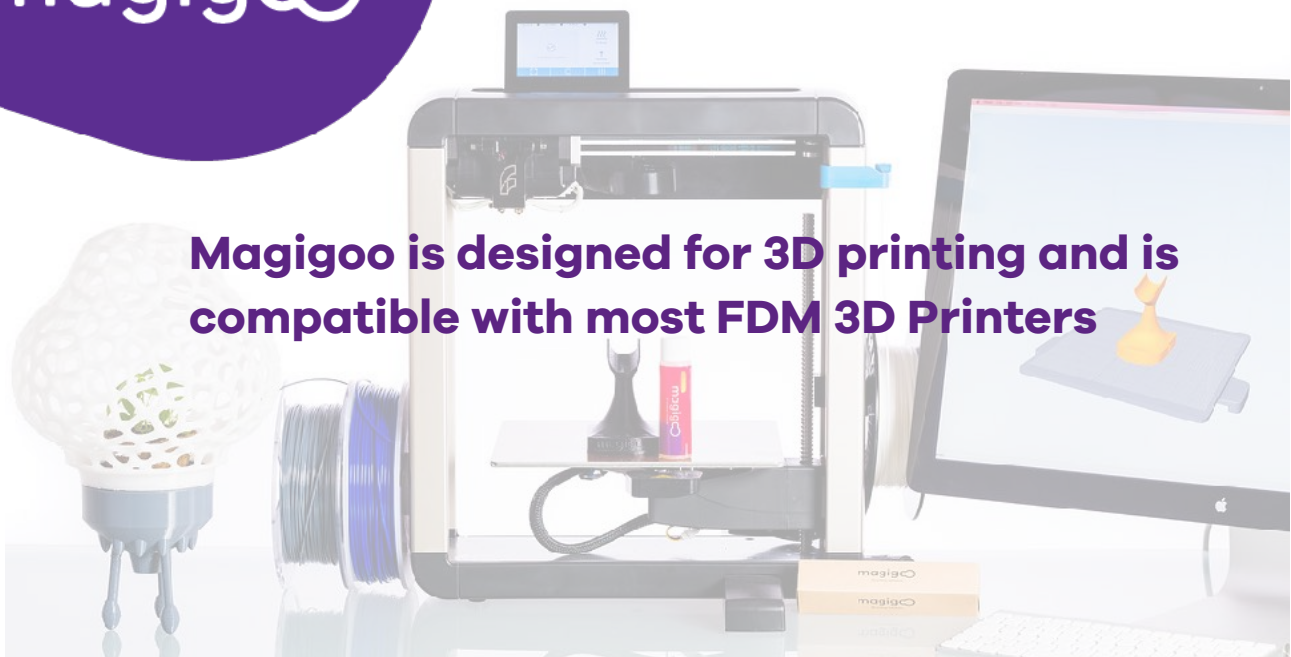
Magigoo is totally odourless. You won't be bothered by any strong smell; be it in a closed room or educational workshop with kids. Its odourless property makes it more enjoyable and practical to use.



### Non-Toxic

The unique formula of Magigoo makes it safe to use for intended purpose. if there is skin contact just rinse with water.





## Magigoo is designed for 3D printing and is compatible with most FDM 3D Printers

### 5 Benefits to appreciate Magigoo

- **Users will like it**

Once you use it you will not want to go back. It takes just a little tweaking to find out the best adhesion printing settings and your prints will come out perfect.

- **Friends of users will like it**

You will mostly forget the frustrations of failed prints or the need to babysit your prints. Get to spend more time with your loved ones.

- **Environment will like it**

Magigoo safe formulation leaves no smell or residues. It is non-toxic and safe to use.

- **Prints will like It**

Magigoo will leave a nice glossy finish on the your first layer. It will look professional and requires no additional post processing. With perfectly smooth bottoms enjoy sexy looking prints.

- **3D printer will like it**

Magigoo is easy to clean. Just use water. Forget scraping tools or spraying or scratching your print bed. Your printer will last longer. No lost alignments.

## What Magigoo Clients Say

- **Guillaume Feliksdal**  
**CEO at FELIXprinters**

FELIXprinters is a manufacturer and developer of 3D printers. The company, founded by Father and Son Feliksdal, ships out 3D printers worldwide since 2011.

“During the last couple of years we have seen a lot of changes when it comes to 3D printing material. Many new materials have become available and many existing materials have been improved.” Says Guillaume Feliksdal, CEO at FELIXprinters.

One of the difficulties we experience with many 3D printing materials, is the adhesion to the build plate. The very first FELIX 3D printer already had a heated build plate which improved adhesion and reduced warping of objects being printed. Despite the heated build plate, the harder to print materials could still warp and detach from the plate at some point.

At TCT in Birmingham in 2015 the FELIX team got to meet the Magigoo team and we received a Magigoo to experiment with. We were truly amazed by how the adhesion improved with just a thin layer of Magigoo, especially on a heated surface. We have tested the Magigoo with many materials and all we can say is that we are very enthusiastic about it. It is easy to apply, safely usable within offices or school and it truly improves adhesion of the harder to print materials.

- **Roderick Abela**  
**Automation & Control Engineer, Trelleborg Sealing Solutions Malta**

After using different spray products, stickers and glues, I found Magigoo as being an effective solution to a tedious problem in 3D Printing; that of getting warp free prints which stick to the print bed. Magigoo does exactly what it’s supposed to do. It sticks the print to the print bed during printing and easily detaches it once the print is finished and print bed has cooled down. Prints come off the bed warp-free. Given the water solubility of this glue, cleaning the printbed is very easy!

- **Philip Cotton**  
**Experience 5 years. Founder of 3DFilemarket. Awarded 3DPrintshow Educational Excellence Award 2013, 2014**

Magigoo is a great product to have in your 3D printing tool kit when trying to solve the dreaded issue of getting those 3D prints to stick. Depending on how big you are printing the adhesive can really last a long time and the initial cost will easily repay itself in saved filament from not have failed prints. Also, this will help if you are 3D printing a large volume of prints. If you have a deadline to meet, then you can’t afford for prints to be peeling off the print bed.



# magigoo



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