

# Technical Datasheet



Trade name : Additive Grip  
Reviewed: 14.10.2024  
Date of print : 14.10.2024

Page : 1 of 1

## Description

The product "Additive Grip" is an adhesive for FFF 3D printing. At a normal print plate temperature during printing, from approx. 60 °C, the adhesive ensures that the component does not detach from the print plate during printing and thus supports an optimal print result, without an annoying warping effect. By using the adhesive, printing can be carried out at a lower print plate temperature compared to a print without pre-treatment with Additive Grip. After printing and cooling the print plate to ambient temperature, the adhesive ensures that the printed components can be removed more easily from the print plate.

## Application

Additive Grip is ready to use. It is applied to the printing plate using the sponge attached to the top of the bottle. To do this, hold the bottle upside down and place the sponge on the printing plate. By gently, repeatedly pressing the sponge onto the installed or removed printing plate, the release of the adhesive is regulated, which is applied evenly and thinly to the printing plate or a smaller printing area on the printing plate. To avoid excessive leakage of the product, the bottle should not be squeezed during application. Now insert the printing plate if necessary, heat it up and print as usual. After printing, allow the printing plate to cool down, possibly removing it from the printer to cool down more quickly. After cooling, remove the component from the printing plate. Additive Grip can be added to the previously printed areas, or the printing plate can be completely cleaned with a damp disposable cloth. Then dispose of the cloth in the residual waste. For optimal cleaning of the print bed, we recommend the product "Additive Cleaner 100".

Temperature recommendations (in °C) for typical printing materials:

PLA	60	PETG	60-85	ABS and HIPS	90 - 110
-----	----	------	-------	--------------	----------

Compatibility with common printing plate materials:

Glass		Metal		PEI-Coatings	
-------	--	-------	--	--------------	--

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
-----------	-------------------	---------------

## Environmental Aspects

Additive Grip is non-hazardous and does not contain any volatile organic compounds (VOCs). The product is preserved to ensure product stability during storage and use. 90% of the active ingredients are not easily biodegradable. For this reason, washing under running water is not recommended. By reducing the required printing plate temperature, the printer's energy consumption is reduced. Furthermore, misprints or even damage to the printer itself, caused by premature detachment of the component, are minimized. Damage caused by mechanical detachment of stuck components, e.g. by using a spatula, is avoided, so that the printing plate remains usable for longer.

## Classification according to Regulation (EC) No.1272/2008 [CLP]

not classified according CLP-Regulation

## Transport information

No dangerous goods according to the transport guidelines

## Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

## Order information

A240915 240 ml bottle