

Breakaway Support Filament

General

The Breakaway Support Filament is a support filament that can be quickly removed with pliers. It is a stable and easily printable support material that is printable in such a way that it can be easily removed. Compared to water-soluble materials, Breakaway is characterized by high-quality workmanship, longer durability and less sensitivity to moisture. The support structures, which are printed with purefil Breakaway Support Filament, can be removed completely without leaving any residue. The supported surfaces become smoother and no longer have to be painstakingly reworked.

The purefil Breakaway Support Filament is used to support parts with geometries of medium to low complexity without hard-to-reach cavities.

The support filament has been tested with a variety of filaments and is compatible with various purefil filaments.

advantage

- Easy and quick removal
- High quality finish
- no additional post-processing of the supported areas
- very easy to print

disadvantage

- Support structures must be removed mechanically
- Dual extruder or dual print head required

Processing data

Printing temperature

190-220 °C

Heatbed temperature

50-70 °C

Drying temperature

50°C

Drying time

8h

Material compatibility

PLA, PLA Silk, PLA Tough, PLA matt
Wood-, Cork- und Bamboo filament
BioTEC
GreenTEC, GreenTEC Pro
PETG
ABS
PA12
ASA
MABS
HIPS