



3D-BG

Customer's Guide to Infill Patterns

Overview

At 3D-BG.com, we strive to create quality products that function well and look great. **Infill patterns** are one thing to consider for your project.



What is infill?

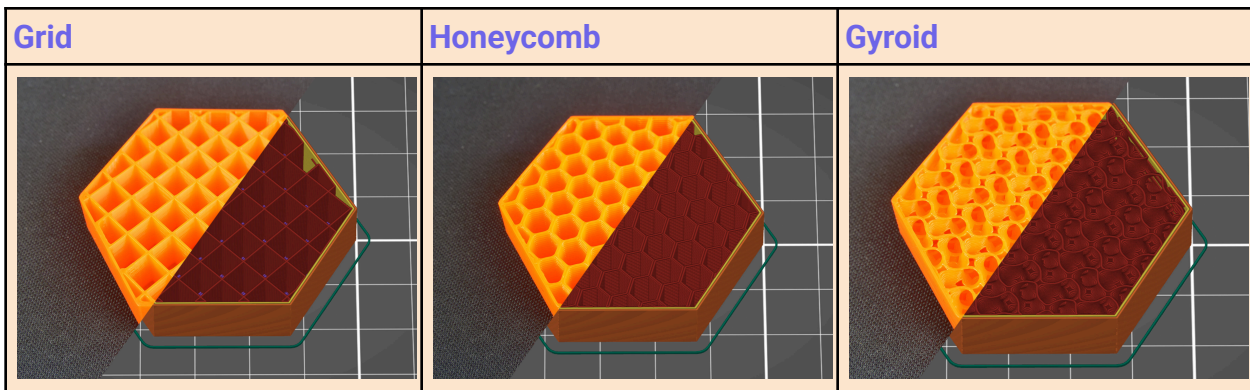
Infill refers to the internal structure of a 3D-printed object—it fills the inside of the model between the outer walls. You control the pattern and density in your slicer software.

Your Infill Choices

- 1) Low durability & flexibility = **Grid Pattern**
- 2) Standard durability & flexibility = **Honeycomb Pattern**
- 3) High durability & flexibility = **Gyroid Pattern**
- 4) Other options available by request: **Lattice, Line, Cubic, Adaptive Cubic, 3D Honeycomb, Archimedian, Concentric, Octagram**

Standard Infill Choices

Pattern	Strength	Speed	Flexibility	Best For
1] Grid	★ ★ ★	★ ★ ★ ★ ★	★ ★	Fast prints with decent strength
2] Honeycomb	★ ★ ★ ★ ★	★ ★	★ ★	Strong & lightweight structures
3] Gyroid	★ ★ ★ ★ ★ ★	★ ★	★ ★ ★ ★ ★	Functional prints, fluid/organic shapes



(Source: prusa3d.com)