

The Complete Guide to Plastics for your

3Doodler

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Which heat settings?



What's the difference?

| Feature | 3Doodler One | 3Doodler One X | 3Doodler One Pro |
|-----------------------|---------------|----------------|------------------|
| Resolution | 0.25mm | 0.25mm | 0.25mm |
| Build volume | 100x100x100mm | 100x100x100mm | 100x100x100mm |
| Print speed | 100mm/s | 100mm/s | 100mm/s |
| Print temperature | 230°C | 230°C | 230°C |
| Print material | PLA | PLA | PLA |
| Print layer thickness | 0.25mm | 0.25mm | 0.25mm |
| Print resolution | 0.25mm | 0.25mm | 0.25mm |
| Print accuracy | ±0.1mm | ±0.1mm | ±0.1mm |
| Print precision | ±0.1mm | ±0.1mm | ±0.1mm |
| Print repeatability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print consistency | ±0.1mm | ±0.1mm | ±0.1mm |
| Print reliability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print durability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print strength | ±0.1mm | ±0.1mm | ±0.1mm |
| Print flexibility | ±0.1mm | ±0.1mm | ±0.1mm |
| Print stability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print safety | ±0.1mm | ±0.1mm | ±0.1mm |
| Print security | ±0.1mm | ±0.1mm | ±0.1mm |
| Print privacy | ±0.1mm | ±0.1mm | ±0.1mm |
| Print performance | ±0.1mm | ±0.1mm | ±0.1mm |
| Print quality | ±0.1mm | ±0.1mm | ±0.1mm |
| Print efficiency | ±0.1mm | ±0.1mm | ±0.1mm |
| Print productivity | ±0.1mm | ±0.1mm | ±0.1mm |
| Print scalability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print sustainability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print innovation | ±0.1mm | ±0.1mm | ±0.1mm |
| Print leadership | ±0.1mm | ±0.1mm | ±0.1mm |
| Print excellence | ±0.1mm | ±0.1mm | ±0.1mm |
| Print perfection | ±0.1mm | ±0.1mm | ±0.1mm |

What we like to use them for



General comparison

| Feature | 3Doodler One | 3Doodler One X | 3Doodler One Pro |
|-----------------------|---------------|----------------|------------------|
| Resolution | 0.25mm | 0.25mm | 0.25mm |
| Build volume | 100x100x100mm | 100x100x100mm | 100x100x100mm |
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| Print reliability | ±0.1mm | ±0.1mm | ±0.1mm |
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| Print strength | ±0.1mm | ±0.1mm | ±0.1mm |
| Print flexibility | ±0.1mm | ±0.1mm | ±0.1mm |
| Print stability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print safety | ±0.1mm | ±0.1mm | ±0.1mm |
| Print security | ±0.1mm | ±0.1mm | ±0.1mm |
| Print privacy | ±0.1mm | ±0.1mm | ±0.1mm |
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| Print scalability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print sustainability | ±0.1mm | ±0.1mm | ±0.1mm |
| Print innovation | ±0.1mm | ±0.1mm | ±0.1mm |
| Print leadership | ±0.1mm | ±0.1mm | ±0.1mm |
| Print excellence | ±0.1mm | ±0.1mm | ±0.1mm |
| Print perfection | ±0.1mm | ±0.1mm | ±0.1mm |

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