KNOW YOUR PRINT

3D printers emit a wide range of particles and volatile organic compounds (VOCs) during use. Individual filament emissivity varies. This chart displays general emission data and associated health risks gathered using ANSI/CAN/UL 2904 for a variety of commonly used filaments and additives¹.

How can you reduce exposure to 3D printer emissions?

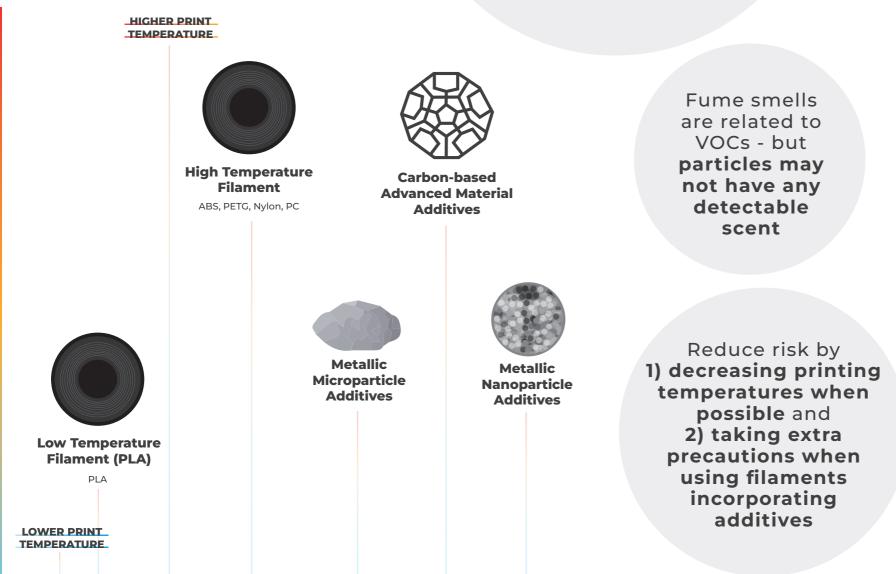
When possible, print at **lower temperatures** within the usable range

Local ventilation and filtration are proven strategies for reducing exposure to 3D printer emissions

Limiting exposure time will reduce asociated health risks; consider operating printers away from personnel



¹Hill WC, Seitz DW, Hull MS, Ballentine ML, Kennedy AJ. Additives influence 3D printer emission profiles: Implications for working safely with polymer filament composites. Indoor Air. 2022; 32:e13130. doi: 10.1111/ina.13130



Environmental/Persistence Risk