



MATERIAL OVERVIEW

THE FAITHFUL

| KNOWN MATERIALS |

THE ESTABLISHED

| BUT UNKNOWN MATERIALS |

THE NEW

| UPCOMING MATERIALS |

PLASTIC

FDM (most well-known)

Fused Deposition Molding

Including: PLA, ABS, Nylon

[Read more](#)

Fibre reinforced materials

[Read more](#)

SLA

Stereolithography

Also known as "resin 3D-print"

[Read more](#)

SLS

Selective Laser Sintering

[Read more](#)

Polyamide (PA12): [Read more](#)

METAL

Titanium (Ti6Al4V)

Aluminium (AlSi10)

Stainless steel (316L)

PLASTIC

FDM (more unknown)

Fused Deposition Molding

Including: PET, TPU, PC

[Read more](#)

MDP

Metal detectable PA

Heat resistant & dental approved SLA

Stereolithography

Also known as "resin 3D-printing"

[Read more](#)

Resins you don't need to have epoxy course to treat

SLS

Selective Laser Sintering

TPU Flexible material

[Read more](#)

PA11, polyamide made from beans instead of oil as its predecessor: PA12

METAL

Inconel

[Read more](#)

Binder Jetting Metal

Tool steel

1.2709

H13

Uddeholm AM Corrax

Cobalt-Chrome

Used especially in the dental industry

PLASTIC

Recycled plastic

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New **fibre reinforced materials** and machines for using them

Misc. **mixed materials, ceramic materials** printed via SLA

METAL

Copper in in all sorts of different variations

[Read more](#)

Aluminium alloys

Metal-matrix-composites (MMC)

Metals and alloys where, for example, ceramic material has been added. Can make new alloys available for AM

Invar (FeNi36)

Niche material with very small coefficient of thermal expansion

[Read more](#)

Multi material printing

For example, Copper and 316L in the same print

Recycle metal for a more sustainable print

Wolfram-Carbide

[Read more](#)