

zortrax

M series

MATERIALS



print anything
you want.

from medicine **TO ENGINEERING.**

The additive manufacturing materials that make more out of 3D printing.



architecture



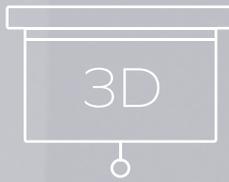
automotive



engineering



medicine



education



consumer products

Zortrax **ECOSYSTEM.**

We believe that the operating ease makes the solution smart. Therefore, Zortrax products form together an integrated ecosystem – professional 3D printers, compatible materials, and dedicated software. Thanks to this, you can easily achieve high-quality prints, dimensional accuracy, and repeatability. Forget about the hassle of adjusting the equipment for third-party materials or software. Everything you need is already in the box, waiting for you to start.



Z-Suite Software

Perfectly integrated with the machine, helps convert 3D model files and is compatible with most of 3D design software.



printing Materials

A wide range of carefully picked colors, only quality materials, exceptional printing features.



3D Printers

Reliable and almost maintenance-free, working out of the box, tested by thousands of users worldwide.

zortrax

Only dedicated Zortrax Materials guarantee high-quality prints.



Z-ESD



CONTROL the conditions.

Z-ESD material gives you a unique advantage of providing electrostatic protection, so you can test your models against completely new conditions. With reduced shrinkage, you risk no warping and have the guarantee of exquisite dimensional accuracy. If you want to go extremes, see for yourself that neither chemicals nor greases are a challenge when printing with Z-ESD.

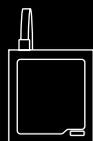
applications:

- electronics casing and containers
- prototypes requiring electrostatic discharge protection
- models required to be resistant to chemicals like greases and oils
- elements of tools, jigs, and connectors
- electronics assembly stations
- prototypes requiring resistance to salts, acids, and alkalis

available for:



zortrax
M200



zortrax
M300

colors:



black

zortrax

Z-PLA Pro



convenience comes **FIRST.**

The unique combination of features allows the material to exhibit reduced shrinkage that helps obtain precise and detailed shapes. Thanks to the enhanced surface quality you can easily come up with elegant, smooth and mat models. Derived from natural and biodegradable sources, it offers a strong alternative for ecology and quality oriented users.

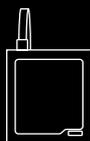
applications:

- prototypes of casings
- architectural mockups
- detailed models that consist of many fine parts
- models required to be eco-friendly and biodegradable
- vast range of consumer goods
- concept models and figurines

available for:



zortrax
M200



zortrax
M300



gypsum
white

colors:

zortrax

Z-ASA Pro



THE ONE that withstands the weather.

When it comes to testing Z-ASA Pro, there's no such thing as bad weather. The material's performance stays unrivaled while exposed to external conditions like sunlight (UV), humidity, or heat. Thanks to the improved chemical resistance, it will make a perfect choice for various outdoor applications. Take advantage of the quality that stays unchanged, no matter where you are.

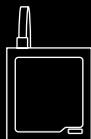
applications:

- prototypes requiring UV stability
- automotive parts
- outdoor furniture elements
- precise mold casts
- sporting items
- functional prototypes that withstand outdoor exposure

available for:



zortrax
M200



zortrax
M300

colors:



zortrax

Z-ULTRAT



strength lays in **DURABILITY.**

We don't waste our breath when talking about having your work done in-house. Especially, when you can use a versatile material and prototype models with features of products manufactured using injection molding technology. Z-ULTRAT, the strong, stable, time-resistant, and available in a wide range of colors is also suitable for mechanical and chemical post-processing. Use it to try out your project before starting mass production. Find your strength in a color of your choice.

applications:

- functional prototypes
- end-use parts
- casing prototypes for testing
- end-use casing parts for low volume production
- prototypes of consumer products
- mechanical parts
- parts simulating properties of elements made using injection molding
- elements required to be durable and stable over time

available for:



zortrax
M200

colors:

basics



neutrals



neons



pastels



zortrax

Z-HIPS



the factor of **ABILITIES.**

Exposing your idea is as important as the idea itself. Use Z-HIPS to significantly reduce warping and visibly shorten the time you're spending on post-processing. Its unique mat structure absorbs light and reduces the visibility of minor flaws, giving its casings prototypes that catching look. The material gives you the ability to print bigger parts, housing or architectural prototypes. Use it any way you want.

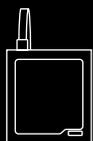
applications:

- models with large, flat surfaces
- architecture mockups
- casing elements for testing
- end-use casing parts for low volume production
- prototypes of mechanical parts
- prototypes of consumer products

available for:



zortrax
M200



zortrax
M300

colors:



zortrax

Z-GLASS



see THROUGH.

Now, you can print with material that imitates the glass translucent structure and show what's hidden. Unfold the imagination of your customers and get the ability to make an exact replica of your project. Its light-transmitting surface makes it applicable in automotive, industrial design, and architecture projects. Z-GLASS is also resistant to salts, acids, alkalis, and solvents so that you don't have to be worried of exposing your project to chemicals.

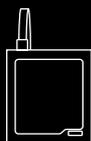
applications:

- concept models which are to imitate glass or translucent plastic
- functional prototypes of translucent objects
- translucent decorative elements
- parts required to be resistant to salts, acids, alkalis, and solvents

available for:



zortrax
M200



zortrax
M300

colors:



zortrax

Z-PETG



take the **CHALLENGE.**

Designing and prototyping are all about the right choices. That's why it's so important to use durable material like Z-PETG. It's highly resistant to salts, acids, alkalis, and solvents. The models printed with Z-PETG have a glossy surface that is also resistant to impact, time and UV light. Now, you can create diverse and challenging parts.

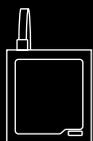
applications:

- parts required being resistant to salts, acids, alkalis, and solvents
- machine components
- elements requiring resistance to greases and oils
- packaging prototypes
- prototypes of mechanical parts

available for:



zortrax
M200



zortrax
M300

colors:

● grey ○ black

zortrax



Z-PCABS

prepare yourself for **THE HEAT.**

What'll we get if we combine two durable materials? Z-PCABS, the durable and impact resistant material that is suited for producing casings. It's resistant to temperatures, UV lights, and chemicals. The durability and the resistance to temperature made it a great material for automotive. Heat your prototype up with no consequences.

applications:

- consumer electronics casings
- automotive parts
- parts required to be resistant to temperatures
- structural components

available for:



zortrax
M200

colors:



ivory

zortrax



Z-ABS



basic doesn't mean **SIMPLE.**

If you're looking for a good material to start with - you've just found it. Z-ABS is great for printing concept models, mockups, gadgets or figurines. You can choose from a wide range of colors to catch the attention to your project. Z-ABS will be your good comrade - useful at the beginning, helpful in the half-way, and you can always count on it even at the final stage.

applications:

- concept models
- gadgets and figurines
- display models
- models with moderate functional and testing properties

available for:



zortrax
M200

colors:



zortrax

zortrax

office:

office@zortrax.com

sales department:

sales@zortrax.com

technical support:

support@zortrax.com

find a local Reseller: zortrax.com/resellers

more info at: zortrax.com

©2017 Zortrax S.A. All rights reserved.