



Zortrax Materials



zortrax

Zortrax 3D Printing Thermoplastic Filaments

	Description	Colors	Zortrax M200	Zortrax M200 Plus	Zortrax M300	Zortrax M300 Plus	Zortrax Inventure
Z-ABS	ABS-based, multi-purpose, budget filament. Easy to post-process for both beginners and professionals.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● GREEN <li style="margin-right: 10px;">● COOL GREY <li style="margin-right: 10px;">○ PURE WHITE <li style="margin-right: 10px;">● WARM GREY <li style="margin-right: 10px;">● ANDROID GREEN <li style="margin-right: 10px;">● ORANGE <li style="margin-right: 10px;">● RED <li style="margin-right: 10px;">● YELLOW <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● PURE BLACK <li style="margin-right: 10px;">● SKY BLUE 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	x	x	x
Z-ASA Pro	ASA-based resilient filament for functional prototypes that can withstand the UV light, rain, and wind.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● PURE BLACK <li style="margin-right: 10px;">● RED <li style="margin-right: 10px;">● YELLOW <li style="margin-right: 10px;">● GRAPHITE <li style="margin-right: 10px;">○ PURE WHITE 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	x
Z-ESD	PETG-based filament perfect for the electronic industry. Guarantees electrostatic discharge protection along with resistance to acids, alkalis, and salts.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	x
Z-FLEX	Strong flexible filament with great interlayer-adhesion. It can bend without breaking. The material is non-toxic and resistant to various chemicals like gasoline and ethyl alcohol.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK 	x	Spool Net weight: 800 g ± 5%	x	Spool Net weight: 800 g ± 5%	x
Z-GLASS	PETG-based filament with an addition of fiberglass. It has light-transmitting properties for translucent models and is resistant to scratches, UV light, and chemicals.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">○ NATURAL TRANSPARENT <li style="margin-right: 10px;">● NEON YELLOW <li style="margin-right: 10px;">● ORANGE <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● ANDROID GREEN 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	x
Z-HIPS	A filament based on HIPS (high impact polystyrene) with semi-mat texture that masks the layering. Offers high impact resistance and effortless post-processing.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK <li style="margin-right: 10px;">● GREY <li style="margin-right: 10px;">○ NATURAL WHITE <li style="margin-right: 10px;">● YELLOW <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● GREEN <li style="margin-right: 10px;">● RED 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	x
Z-NYLON	Very strong, versatile filament resistant to high temperatures and chemicals. It can be post-processed with tools meant for machining metals. The material is easy to paint and hard to break.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">○ NATURAL <li style="margin-right: 10px;">● BLACK 	x	Spool Net weight: 800 g ± 5%	x	Spool Net weight: 2000 g ± 5%	x
Z-PCABS	ABS and PC-based. Can easily withstand impacts, UV light, high temperature, and time. It's also resistant to salts, acids, and other chemicals.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">○ IVORY 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	x	x	x
Z-PETG	PETG-based. Can withstand UV light and passage of time. The material is also exceptionally resistant to oils and other greases.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK <li style="margin-right: 10px;">● GREY 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	Cartridge Net weight: 350 g ± 5%
Z-PLA	PLA-based filament with low shrinkage, guaranteeing high-quality details and smooth surfaces. Offers exceptional precision for complex models.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK <li style="margin-right: 10px;">● GREY <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● GREEN <li style="margin-right: 10px;">○ WHITE <li style="margin-right: 10px;">● YELLOW 	x	x	x	x	Cartridge Net weight: 350 g ± 5%
Z-PLA Pro	PLA-based, biodegradable filament. An addition of chalk gives its surface a unique mat finish and more visible details with gypsum-like texture. Very low shrinkage, almost no warping.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">○ GYPSUM WHITE <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● BRICK <li style="margin-right: 10px;">● BRIGHT RED <li style="margin-right: 10px;">● COOL GREY <li style="margin-right: 10px;">● CONCRETE GREY <li style="margin-right: 10px;">● PURE BLACK 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	Spool Net weight: 2000 g ± 5%	Spool Net weight: 2000 g ± 5%	x
Z-PHA	Natural, biodegradable filament based on polyester. Similar to PLA but more durable and stronger. It exhibits almost no shrinkage nor warping.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK <li style="margin-right: 10px;">● GREY <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● RED <li style="margin-right: 10px;">○ NATURAL <li style="margin-right: 10px;">● YELLOW <li style="margin-right: 10px;">● GREEN 	x	Spool Net weight: 800 g ± 5%	x	Spool Net weight: 2000 g ± 5%	x
Z-SEMIFLEX	Semi-flexible TPU filament. It's resistant to tearing, wearing, and high temperatures. The material can bend without breaking like Z-FLEX but has higher rigidity.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● BLACK 	x	Spool Net weight: 800 g ± 5%	x	Spool Net weight: 2000 g ± 5%	Cartridge Net weight: 350 g ± 5%
Z-ULTRAT	Durable and lasting ABS-based filament. Its surface can be easily post-processed with acetone and mechanical treatment. Available in a wide range of colors.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">BASICS: <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">● YELLOW <li style="margin-right: 10px;">● GREEN <li style="margin-right: 10px;">● COOL GREY <li style="margin-right: 10px;">● IVORY <li style="margin-right: 10px;">● BLACK <li style="margin-right: 10px;">● RED <li style="margin-right: 10px;">NEUTRALS: <li style="margin-right: 10px;">● NUDE <li style="margin-right: 10px;">● MAGENTA <li style="margin-right: 10px;">● OLIVE <li style="margin-right: 10px;">● BROWN <li style="margin-right: 10px;">PASTELS: <li style="margin-right: 10px;">● PASTEL YELLOW <li style="margin-right: 10px;">● PASTEL PINK <li style="margin-right: 10px;">● PASTEL PURPLE <li style="margin-right: 10px;">● PASTEL BLUE <li style="margin-right: 10px;">● PASTEL TURQUOISE <li style="margin-right: 10px;">NEONS: <li style="margin-right: 10px;">● NEON BLUE <li style="margin-right: 10px;">● NEON GREEN <li style="margin-right: 10px;">● NEON YELLOW <li style="margin-right: 10px;">● NEON ORANGE <li style="margin-right: 10px;">● NEON RED <li style="margin-right: 10px;">● NEON PINK 	Spool Net weight: 800 g ± 5%	Spool Net weight: 800 g ± 5%	x	Spool Net weight: 2000 g ± 5%	x
Z-ULTRAT Plus	Durable ABS-based filament compatible with water-soluble support material. It offers better layer adhesion and higher impact resistance compared to standard ABS.	<ul style="list-style-type: none"> <li style="margin-right: 10px;">● ORANGE <li style="margin-right: 10px;">● BLUE <li style="margin-right: 10px;">○ IVORY <li style="margin-right: 10px;">● RED <li style="margin-right: 10px;">● PURE BLACK <li style="margin-right: 10px;">● GRAPHITE 	x	x	x	x	Cartridge Net weight: 350 g ± 5%

Zortrax Water-Soluble Support Filaments

	Description	Model Materials Compatibility	Inventure
Z-SUPPORT	PVA-based, water-soluble support filament compatible with Z-PETG, Z-SEMIFLEX and Z-PLA materials. It's nontoxic and biodegradable.	Z-PETG, Z-PLA, Z-SEMIFLEX	Cartridge Net weight: 350 g ± 5%
Z-SUPPORT Plus	PVA-based water-soluble support filament working in temperatures reaching 245° C (505° F). Compatible with ABS-based Z-ULTRAT Plus. It's nontoxic and biodegradable.	Z-ULTRAT Plus	
Z-SUPPORT Premium	BVOH-based water-soluble support filament. It's compatible with Z-PLA, Z-PETG, Z-SEMIFLEX and Z-ULTRAT Plus. The material has a fast dissolution rate.	Z-PETG, Z-PLA, Z-SEMIFLEX, Z-ULTRAT Plus	

Zortrax Photopolymer Resins

	Description	Colors	Zortrax Inkspire
Zortrax Resin Basic	An epoxy-based resin offering sharp edges, high detail, and short curing times. It's durable and easy to print.	<ul style="list-style-type: none"> ● GREY ⊕ WHITE/IVORY* ○ PIGMENT-FREE 	500 ml bottle
Zortrax Resin Pro	An epoxy-based resin with improved impact and bending resistance in comparison with Zortrax Resin Basic. It offers short curing times, high degree of detail, and ease of post-processing.	<ul style="list-style-type: none"> ● BLACK 	
Zortrax Resin Flexible	Flexible, epoxy based resin which is high impact resistant. Offers smooth surfaces, high level of detail, and sharp edges.	<ul style="list-style-type: none"> ● TRANSPARENT YELLOW 	
Zortrax Resin DENTAL Model	Precise dental resin with a gypsum-like texture. Offers very low shrinkage and high level of detail sufficient for accurate modeling of teeth. Not meant for intraoral use.	<ul style="list-style-type: none"> ● BEIGE 	

* The resin's color depends on how it is cured (by sunlight - ivory, by UV light - white)

All information contained in this brochure and specification is subject to change without notice.

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