HP Jet Fusion 4200

3D Printing Solution





Quality, functional parts

- Ideal for industrial prototyping and final part production.
- Achieve predictable print time and parts with best-in-class isotropy.
- Choose between print modes tuned for mechanical/functional/ aesthetic properties, accuracy, and speed.

Optimized productivity

- Produce more parts per day with continuous printing¹.
- Streamlined, cleaner experience with enclosed, automated mixing².
- Rely on HP's world-class HP 3D Solution Services to maximize uptime and productivity.

Optimized costs

- Reduce operational costs, opening your doors to short-run production.
- Invest in a competitively priced 3D Printing solution and produce at a low-cost-per-part.
- Optimize cost and part quality, with cost-efficient materials that offer industry-leading reusability³.

For more information, please visit: hp.com/go/3DPrinter4200

HP Jet Fusion 4200 3D Printing Solution

Produce quality parts while optimizing productivity and cost

Ideal for industrial prototyping and final part production environments



SOLUTION	Easy-to-use solution that scales with your business; integrated end-to-end process that delivers both functional prototypes and final parts	
PRINTER	HP 3D fusing and detailing agents work with HP Multi Jet Fusion technology and materials to deliver quality, functional parts	1
	Accurate thermal control of every layer enables predictive corrections voxel by voxel	2
	In-printer quality checks reported via a touchscreen help minimize errors and enable easy, accurate job progress tracking	3 []
	Stay connected ⁴ : The HP Jet Fusion 3D Printing Solution collects data to provide a better customer and support experience; connectivity also drives both higher uptime and remote monitoring of your HP system from anywhere	4
MATERIALS	HP 3D Printing materials provide optimal output quality and high reusability at a low-cost-per-part	5 \$
	Change to different materials: The HP Jet Fusion 3D external tank allows the extraction of reused material from the processing station so it can be replaced with a different material	6 💢

PROCESSING STATION SERVICES & SUPPORT	Automated materials mixing and loading systems help streamline your workflow and reduce labor time		
	No additional room for parts removal needed with enclosed unpacking and material collection system, including a laminar hood		
	The HP Jet Fusion 3D build unit, included within the printer, is moved on for cooling right after job completion, allowing a continuous printing ¹ process		
	The HP Jet Fusion 3D fast cooling module reduces cooling time resulting in fast time-to-part and more parts ready within the same day		
	HP 3D Solution Services stand behind your business to maximize your uptime and productivity, with next-business-day on-site support and spare parts availability ⁵		
	HP 3DaaS ⁶ : Convenient pay-per-use model; cost predictable model, a low commitment, to enhance running cost management and operation		
SOFTWARE	HP 3D API ⁷ : Streamlined data access and automation across industrial management systems		
	HP 3D Center ⁸ : Dashboard view into production data and remote monitoring for greater efficiency and agility		
	HP SmartStream 3D Build Manager: Quickly and easily prepare your jobs for printing with all the elements you need		
	HP Universal Build Manager powered by Dyndrite ⁹ : Build management software enabling additive manufacturing at scale through automation		
	Integration with industry-leading software solutions		
	AUTODESK Dyndrite materialise innovators you can count on		



Expanding materials and applications: new growth opportunities

Expand into new applications and markets with a growing portfolio of HP 3D materials that enable you to produce a variety of low-cost, quality parts, and address sustainability objectives with industry-leading reusability³.

HP 3D High Reusability PA 11—ductile¹⁰, quality parts





Data courtesy of OT4 Orthopädietechnik GmbH



Data courtesy of Bowman - Additive Production

Produce functional parts with impact resistance and ductility¹⁰. This thermoplastic material, made from renewable sources¹¹, provides optimal mechanical properties and consistent performance at industry-leading surplus powder reusability³.

Statements¹²: Biocompatibility, REACH, RoHS (for EU, Bosnia-Herzegovina, China, India, Japan, Jordan, Korea, Serbia, Singapore, Turkey, Ukraine, Vietnam), PAHs, Statement of Composition for Toy Applications, UL 94 and UL 746A

HP 3D High Reusability PA 12—strong, low-cost¹³, quality parts

Reduce total cost of ownership¹⁴ and produce strong, functional, detailed complex parts with HP 3D High Reusability PA 12, a robust thermoplastic that enables industry-leading surplus powder reusability³.

Statements¹²: Biocompatibility, REACH, RoHS (for EU, Bosnia-Herzegovina, China, India, Japan, Jordan, Korea, Serbia, Singapore, Turkey, Ukraine, Vietnam), PAHs, Statement of Composition for Toy Applications, UL 94 and UL 746A







Data courtesy of Invent Medical

Data courtesy of Skorpion Engineering Sr

HP 3D Reusability PA 12 Glass Beads—stiff, dimensionally stable, quality parts







Produce stiff, fuctional parts, while achieving up 70% surplus power reusability¹⁵, with this glass bead filled thermoplastic material ideal for applications requiring high stiffness and dimensional stability like enclosures and housings, fixtures and tooling.

Statements¹²: REACH, RoHS (for EU, Bosnia-Herzegovina, China, India, Japan, Jordan, Korea, Serbia, Singapore, Turkey, Ukraine, Vietnam), PAHs, UL 94 and UL 746A

HP 3D High Reusability TPA enabled by Evonik

Produce flexible and lightweight¹⁶ parts with enhanced rebound resilience with this easy-to-process elastomer, with high part uniformity.

Statements¹²: REACH, RoHS (for EU, Bosnia-Herzegovina, China, India, Japan, Jordan, Korea, Serbia, Singapore, Turkey, Ukraine, Vietnam), PAHs





Material Certified for HP Jet Fusion 3D Printing

ESTANE® 3D TPU M95A



ESTANE® 3D TPU M95A is an ideal fit for both prototyping and manufacturing scale-up applications, delivering high energy rebound, high-impact absorption, a good abrasion resistance rate and high elasticity, combined with excellent unpacking/de-powdering properties.



Tested and approved solely for compatibility with HP Jet Fusion 3D printers¹⁷

HP 3D Printing materials portfolio selection guide¹⁸

	HP 3D HR PA 11	HP 3D HR PA 12	HP 3D HR PA 12 GB	HP 3D HR TPA enabled by Evonik	ESTANE® 3D TPU M95A
Stiffness	•	•	*	A	A
Impact resistance	•	•	A	*	*
Elongation	•	•	A	*	*
Dimensional capability	•	*	•		
Level of detail	*	•	•	•	
Flat part	•	•	*		
Temperature resistance	A		•		•
Chemical resistance ¹⁹	•	•	n/a	A	
Low moisture absorption	A	A	A		
Lightweight	•	•	•	16	A

For more information, visit: <u>hp.com/go/3Dmaterials</u>

Working together through your digital manufacturing journey: HP 3D Solution Services



Whether you're just starting out or you're in full production, we're here to help you successfully navigate your 3D Printing adoption journey with a world-class service experience dedicated to making digital manufacturing, and new growth, a reality for your business.

HP 3D Printing Prepare Services

From preparing your site to installing and calibrating your equipment and printing your first parts to helping you explore the full potential of HP 3D Printing, we'll get you started on the right track with HP 3D Printing Prepare Services.

HP 3D Printing Care Services

Your uptime is our top priority. From preventive maintenance to proactive, big-data driven analytics, we're looking for every opportunity to help you improve the return on your investment through HP 3D Printing Care Services.

HP 3D Printing Grow Services

Accelerate your transformation with HP 3D Printing Grow Services, designed to help you grow, move into new materials, applications, and use cases, and further optimize your manufacturing processes.

Learn more at: hp.com/go/3DSupport

HP 3D Professional Services: accelerate your transformation to additive manufacturing (AM)

HP 3D Professional Services help organizations identify viable strategic opportunities, optimize design for breakthrough applications, and streamline manufacturing processes to enable mass customization and scale production.







Adopt

Identify new opportunities and advanced design techniques enabled with HP Multi Jet Fusion technology.

Develop

Look to improve your product positioning and market differentiation through innovation and new application development.

Manufacture

Optimize production processes through your additive manufacturing transformation journey.

Learn more at: hp.com/go/3DProfessionalServices



Accelerate your move to HP 3D Printing with HP Integrated Financial Solutions

Leverage the latest technology to help accelerate your growth, profitability, and competitiveness. Partner with HP Integrated Financial Solutions to help accelerate your time to value. Enjoy the flexibility to meet both your technology and financial plans while allocating your cash to other priorities.

Financing options include a low per-month payment for the HP Jet Fusion 4200 3D Printing Solution, enabling the flexibility to:

- Avoid a large upfront payment
- Align payments with revenue by using deferred or step payment options
- Simplify your administration: bundle hardware and services into a single agreement
- Change as your requirements evolve, refresh every 3-5 years

Financing and service offerings available through Hewlett-Packard Financial Services Company and its subsidiaries and affiliates (collectively HPFSC) in certain countries and is subject to credit approval and execution of standard HPFSC documentation. Rates and terms are based on customer's credit rating, offering types, services and/or equipment type and options. Not all customers may qualify. Not all services or offers are available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without notice.

Learn more at: hp.com/go/3DIntegratedFinancialSolutions



HP 3D as a Service (HP 3DaaS)⁶: Gain new levels of cost predictability with the flexibility to scale your business as you grow

In this business climate, there are many advantages to a pay-as-you-go business model when the focus is on outcomes. Paying on a usage basis puts the focus on your business results rather than equipment or transactions.

HP Jet Fusion 3D Printing Solutions are reinventing design and manufacturing. From accelerating design cycles, to running efficient volume production with repeatable part quality.

Speed up your digital manufacturing transformation with HP 3DaaS:

- Predictable: usage-based price per successful build²¹ gives you certainty around your variable costs
- Convenient: gain new operational efficiencies by simplifying supplies ordering and inventory management
- Affordable: avoid up-front investment, and help align your costs directly with your revenue by paying monthly²²

HP 3DaaS includes:

- HP 3D Printing Care Services: HP 3D Production Care or HP 3D Shared Care
- HP Supplies and Automatic Replenishment⁶
- HP 3D Preventive Maintenance Kits
- Online dashboard for convenient billing and usage tracking

Contact your local HP sales representative for more information or learn more at: hp.com/go/3DaaS

Technical specifications

HP Jet Fusion 4200 3D Printer

PRINTER	Technology	HP Multi Jet Fusion technology
PERFORMANCE	Effective build volume	380 x 284 x 380 mm (15 x 11.2 x 15 in)
	Building speed ²³	Up to 4115 cm³/hr (251 in³/hr)
	Layer thickness	0.08 mm (0.003 in)
	Job processing resolution (x, y)	600 dpi
	Print resolution (x, y)	1200 dpi
DIMENSIONS	Printer	2210 x 1200 x 1448 mm (87 x 47 x 57 in)
(WXDXH)	Shipping	2300 x 1325 x 2068 mm (91 x 52 x 81 in
	Operating area	3700 x 3700 x 2500 mm (146 x 146 x 99 ir
WEIGHT	Printer	750 kg (1653 lb)
	Shipping	945 kg (2083 lb)
NETWORK ²⁴		0/1000Base-T), supporting the CP/IP, DHCP (IPv4 only), TLS/SSL
PROCESSOR AND MEMORY	Processor	Intel® Core™ i7 4770TE (2.3 GHz, up to 3.3 GHz)
	Memory	16 GB DDR3
HARD DISK	2TB (AES-256 encrypte	ed, FIPS 140, disk wipe DoD 5220M)
SOFTWARE	HP SmartStream 3D Bu HP SmartStream 3D Co	uild Manager,
	Compatible software	HP 3D API ⁷ , Center ⁸ , HP Universal Build Manager powered by Dyndrite ⁹
	Supported file formats	3MF, STL, OBJ, and VRML (v2.0)
	Certified third-party software	Autodesk® Netfabb® with HP Work-space, Materialise Build Processor for HP Multi Jet Fusion technology, Siemens NX AM for HP Multi Jet Fusion technology
POWER	Consumption	9 to 11 kW (typical)
· OWER	Requirements	Input voltage three phase 380-415 V (line-to-line), 30 A max, 50/60 Hz 200-24 V (line-to-line), 48 A max, 50/60 Hz
CERTIFICATIONS AND STATEMENT	Safety	IEC 60950-1+A1+A2 compliant; United States and Canada (UL listed); EU (LVD and MD compliant, EN 60950-1, EN 12100-1, EN 60204-1, and EN 1010)
	Electromagnetic	Compliant with Class A requirements including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
	Environmental statement	REACH compliant
WARRANTY & SERVICE COVERAGE INCLUDED	One-year limited hardw	are warranty
ENVIRONMENTAL SPECIFICATIONS	Temperature during installation	20-30°C (68-86°F)
	Operating temperature	20-30°C (68-86°F)
	Recommended operating	20-30°C (68-86°F)
	temperature for best performance	0F t- FF00 (40 : 4040F)
	Storage & reshipping temperature	-25 to 55°C (-13 to 131°F)
	Operating humidity	30-70% without condensation
	Storage humidity	<90% without condensation

HP Jet Fusion 4200 3D Processing Station with Fast Cooling

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Processing station with fast cooling	2990 x 934 x 2400 mm (117.7 x 36.8 x 94.5 in)		
Shipping	3499 x 1176 x 2180 mm (137.8 x 46.3 x 85.8 in)		
Operating area	3190 x 2434 x 2500 mm (125.6 x 95.8 x 99 in)		
Processing station with fast cooling	480 kg (1058 lb)		
Loaded	810 kg (1786 lb)		
Shipping	620 kg (1367 lb)		
Consumption	2.6 kW (typical)		
Requirements	Input voltage single phase 200-240 V (line-to-line), 19 A max 50/60 Hz or 220-240 V (line-to-neutral), 14 A max, 50 Hz		
Safety	UL 2011, UL508A, NFPA, C22.2 NO. 13-14 compliant; United States and Canada (UL listed); EU (MD compliant, EN 60204-1, EN 12100-1 and EN 1010)		
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)		
Environmental statement	REACH compliant		
One-year limited hard	ware warranty		
Temperature during installation	20-30°C (68-86°F)		
Operating temperature	20-30°C (68-86°F)		
Recommended operating temperature for best performance	20-30°C (68-86°F)		
Storage & reshipping temperature	-25 to 55°C (-13 to 131°F)		
Operating humidity	30-70% without condensation		
Storage humidity	<90% without condensation		
Max altitude when printing	3000 m or 9842,6 ft. (2000 m or 6561,8 ft. for China)		
	Shipping Operating area Processing station with fast cooling Loaded Shipping Consumption Requirements Safety Electromagnetic Environmental statement One-year limited hard Temperature during installation Operating temperature for best performance Storage & reshipping temperature Operating humidity Storage humidity Max altitude when		

 $\mbox{HP\,3D}$ Printing materials have their own restrictions published in material data sheets.

Ordering information

PRINTER	M0P44B	HP Jet Fusion 4200 3D Printer
ACCESSORIES	M0P49C	HP Jet Fusion 4200 3D Processing Station with Fast Cooling
	M0P45B	HP Jet Fusion 4200 3D Build Unit
	M0P54B	HP Jet Fusion 5200/4200 Series 3D External Tank 5-units Bundle
	M0P54D	HP Jet Fusion 4200 Series 3D External Tank Starter Kit
	4QG11A	HP Jet Fusion 5200 3D Automatic External Tank Starter Kit
	M0P54B	HP Jet Fusion 5200/4200 Series 3D External Tank 5-units Bundle
RECOMMENDED ACCESSORIES	Girbau DY130 Dyeing Solution ²⁰	Please consult with your local HP Amplify 3D Printing Specialist
ORIGINAL HP PRINTHEADS	F9K08A	HP 3D600 Printhead
ORIGINAL	V1Q63A	HP 3D700 5L Fusing Agent
HP AGENTS	V1Q64A	HP 3D700 5L Detailing Agent
OTHER SUPPLIES	V1Q66A	HP 3D600 Cleaning Roll
ORIGINAL HP 3D HIGH	V1R10A	HP 3D High Reusability PA 12 30L (13 kg)
REUSABILITY MATERIALS ²⁵	V1R16A	HP 3D High Reusability PA 12 300L (130 kg)
	V1R12A	HP 3D High Reusability PA 11 30L (14 kg)
	V1R18A	HP 3D High Reusability PA 11 300L (140 kg)
	V1R11A	HP 3D High Reusability PA 12 Glass Beads 30L (15 kg)
	V1R22A	HP 3D High Reusability PA 12 Glass Beads 300L (150 kg)
	V1R38A	HP 3D High Reusability TPA enabled by Evonik 300L (120 kg) Material
	V1R39A	HP 3D High Reusability TPA enabled by Evonik 300L (120 kg) Production Material ²⁶

MATERIALS	3DTW0030	ESTANE* 3D TPU M95A 30L (16 kg)
CERTIFIED FOR	3DTW0300	ESTANE® 3D TPU M95A 300L (160 kg)
HP JET FUSION 3D PRINTING ¹⁷	3DTW0900	ESTANE® 3D TPU M95A-545 900L (480 kg)
HP 3D SOLUTION SERVICES ²⁷	UB4P2E	HP Digital Manufacturing Site Readiness Assessment Tier 1 Service for HP Jet Fusion 5200/4200 Series 3D Printing Solutions
	U9ZS7E	HP 3D Ready-to-Print Service for HP Jet Fusion 4200 Series 3D Printing Solutions
	U9EK7E	HP 3D Advanced Operation Training Service (HP Training Center) for HP Jet Fusion 4200 Series 3D Printing Solutions
	UC0E9E	HP 3D Part Quality Proficiency Training Service for HP Jet Fusion 4200 Series 3D Printing Solutions
	UB9V8E	HP 3 Year NBD* On-site HW Support with DMR** Production Care for HP Jet Fusion 5200/4200 Series 3D Printer
	UB9X6E	HP 3 Year NBD* On-site HW Support Production Care for HP Jet Fusion 5200/4200 Series 3D Build Unit
	UB7R3E	HP 3 Year NBD* On-site HW Support Foundation and Production Care for HP Jet Fusion 5200/4200 Series 3D Processing Station
	UB4R1E	HP Customer Self-Repair Uptime Kit Service for HP Jet Fusion 4200 Series 3D Printing Solutions

^{*} Next Business Day

^{**}Defective Media Retention



Cofinanced Project by Minetur -SETSI TSI-100802-2014-1

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.

More at: hp.com/go/learnaboutsupplies.

Learn more about HP Multi Jet Fusion technology at: hp.com/go/3DPrint
Connect with an HP 3D Printing expert or sign up for the latest news about HP Jet Fusion 3D Printing: hp.com/go/3Dcontactus
For more information, please visit: hp.com/go/3DPrinter5200

- Continuous printing requires an additional HP Jet Fusion 3D build unit (standard printer configuration includes one HP Jet Fusion 3D build unit).
- Compared to manual print retrieval process used by other powder-based technologies. The term "cleaner" does not refer to any indoor air quality requirements and/or consider related air quality regulations or testing that may be applicable.
- Industry-leading surplus powder reusability based on using HP 3D High Reusability PA 11 and PA 12 at
 recommended packing densities and compared to selective laser sintering (SLS) technology, offers
 excellent reusability without sacrificing mechanical performance. Tested according to ASTM D638,
 ASTM D256, ASTM D790, and ASTM D648 and using a 3D scanner. Testing monitored using statistical
 process controls.
- 4. For advanced data features, charges may apply in the future.
- Available in most countries, subject to Terms & Conditions of HP Limited Warranty and/or Service Agreement. Please consult your local sales representative.
- 6. HP Supplies and Automatic Replenishment is currently available in the US, Canada, Austria, Belgium, Check Republic, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Poland, Portugal, Spain, Sweden, UK and South Korea. HP 3DaaS Service Only (HP Supplies not included) is available in Mexico, Brazil, Israel, Hungary, Romania, Slovenia, Turkey, United Arab Emirates, Greece and South Africa (China, Singapore and Taiwan availability in May 2022).
- Supported industrial management systems: 3D Control Systems, AMFG, LINK3D, Siemens NX AM, Siemens Opcenter. Access to additional data modules available only for the HP Jet Fusion 5200 Series 3D Printing Solution. Additional purchases required.
- 8. Compatible software. Additional purchase required.
- 9. Compatible software. Additional purchase required.
- Testing according to ASTM D638, ASTM D256, and ASTM D648 using HDT at different loads with a 3D scanner for dimensional accuracy. Testing monitored using statistical process controls.
- 11. HP 3D High Reusability PA 11 powder is made with 100% renewable carbon content derived from castor plants grown without GMOs in arid areas that do not compete with food crops. HP 3D High Reusability PA 11 is made using renewable sources, and may be made together with certain non-renewable sources. A renewable resource is a natural organic resource that can be renewed at the same speed in which it is consumed. Renewable stands for the number of carbon atoms in the chain coming from renewable sources (in this case, castor seeds) according to ASTM D6866.
- For more information, see hp.com/go/statementsPA12, hp.com/go/statementsPA12GB, and hp.com/go/statementsPA12GB, and hp.com/go/statementsPA12GB, and hp.com/go/statementsPA12GB.
- 13. Based on internal testing and public data for solutions on market as of April, 2016. Cost analysis based on: standard solution configuration price, supplies price, and maintenance costs recommended by manufacturer. Cost criteria: printing 1.4 full build chambers of parts per day/5 days per week over 1 year of 30 cm3 parts at 10% packing density on Fast print mode using HP 3D High Reusability PA 12 material, and the powder reusability ratio recommended by manufacturer, and printing under certain build conditions and part geometries.
- 14. Compared to selective laser sintering (SLS) and fused deposition modeling (FDM) technologies, HP Multi Jet Fusion technology can reduce the overall energy requirements needed to attain full fusing and reduce the system requirements for large, vacuum-sealed ovens. In addition, HP Multi Jet Fusion technology uses less heating power than SLS systems for better material properties and material reuse rates, minimizing waste.
- 15. HP Jet Fusion 3D Printing Solutions using HP 3D High Reusability PA 12 Glass Beads provide up to 70% powder reusability ratio, producing functional parts batch after batch. For testing, material is aged in real printing conditions and powder is tracked by generations (worst case for reusability). Parts are then made from each generation and tested for mechanical properties and accuracy.
- 16. Based on published specifications as of September, 2020. HP JetFusion 3D Printing Solutions using HP 3D High Reusability TPA enabled by Evonik provide up to 17% lower printed part weight when compared to common powder-based thermoplastic elastomers printed under similar conditions.

- 17. Nothing herein should be construed as constituting an additional HP warranty. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services and/or in a written agreement between you and HP for such HP products and services. HP believes that the information herein is correct based on the current state of scientific knowledge and as the date of its publication, however, to the maximum extent permitted by IGW HP EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND. WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT. MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF HP IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION PROVIDED. Except to the extent that exclusion is prevented by law, HP shall not be liable for technical or editorial errors or omissions contained herein and the information herein is subject to change without notice. HP shall not be liable for damages or losses of any kind or nature that result from the use of or reliance upon this information. The HP Jet $Fusion \,3D\,Materials\,have\,not\,been\,designed, manufactured\,or\,tested\,by\,HP\,for\,compliance\,with\,legal$ requirements for 3D printed parts and their uses and recipients are responsible for making their own $determination\ as\ to\ the\ suitability\ of\ HP\ Jet\ Fusion\ 3D\ Materials\ for\ their\ purposes\ and\ uses, ensure$ $compliance\ with\ applicable\ laws\ and\ regulations, and\ be\ aware\ that\ other\ safety\ or\ performance$ considerations may arise when using, handling or storing the product.
- Based on internal HP testing, March 2020. For testing methodology and results, see
 hp.com/go/3Dprintingmaterialswhitepapers.

 Please consult your local sales representative for more
 information.
- For HP 3D High Reusability PA 11 and PA 12, based on internal HP testing, June 2017. Tested with diluted alkalies, concentrated alkalies, chlorine salts, alcohol, ester, ethers, ketones, aliphatic hydrocarbons, unleaded petrol, motor oil, aromatic hydrocarbons, toluene, and DOT 3 brake fluid.
- 20. This product is only available in Europe and in the Americas. HP does not design, manufacture or sell the Girbau product or provide any warranty for the Girbau products. HP believes that the information herein is correct based on the current state of scientific knowledge and as the date of its publication, however, to the maximum extent permitted by law HP EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF HP IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION PROVIDED. Except to the extent that exclusion is prevented by law, HP shall not be liable for technical or editorial errors or omissions, and damages or losses of any kind or nature that result from the use of or reliance upon this information, which is subject to change without notice. Recipients of the Girbau product are responsible for determining the suitability of Girbau products with HP Jet Fusion 3D products, ensuring compliance with applicable laws and regulations, and being aware that other safety or performance considerations may arise when using, handling or storing the product.
- 21. A successful build is a printed job that ends with the exit code "job_completed_successfully."
- 22. HP 3DaaS defined usage-based price applies for a one-year term
- 23. Based on 0.08-mm (0.003-in) layer thickness and 7.55 sec/layer.
- 24. The HP Jet Fusion 3D Printing Solution should be connected to the HP Cloud in order to enable the correct functioning of the printer and to offer better support.
- Liters refers to the materials container size and not the actual materials volume. Materials are measured in kilograms.
- 26. Only compatible with the HP Jet Fusion 4210B 3D Printing Solution.
- 27. Should the HP Jet Fusion 3D Printer or Printing Solution alert you that preventive maintenance is required, you must purchase the kit separately if you do not have one or if the kit provided was already used. If preventive maintenance is not completed in a timely manner, HP may request that you take corrective actions, HP may charge any extra costs due to the lack of maintenance. Required only if under HP 3D Foundation Care.

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