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Glob-Off

Plastic Spatter Release

ZYP Coatings' Glob-Off is a solvent-based formulation for aiding and enhancing melted plastic release from hotend 3D printer (Additive Manufacturing) printheads, nozzles and other places where molten plastic builds up during operation. Glob-Off is simply applied to the 3D printer printhead or any area to be protected from plastic spatter, providing a nonstick layer for all common plastic filaments (PLA, PETG, ABS, TPU, etc.) so that any residue or spatter of molten plastic can be removed after the system has cooled to room temperature.

The special formulation of Glob-Off has a synergistic blend of Silicone/PTFE*/BN that has been optimized to stop any melted plastic from hard-sticking to metal parts. The plastic may still appear bonded to the substrate, but Glob-Off ensures that it can be easily removed after cooling.

Key Attributes

- Simple/Easy Application of Fast-Drying, Solvent-Based Plastic Repellent Coating
- Blend of Synergistic Non-Stick Ingredients
- Prevents Hard-Sticking of Molten Plastics to Metal Surfaces such as Hotend PrintHeads
- Enables Release for all Plastics/Polymers
- Usable routinely to 250 C after drying
- Easy open/close, leakproof container

Ideal Use

- Prevent Hard-Sticking of Globes of Plastic onto Metal Surfaces
- Easing Release of Plastic Splatter and Aggravating Filament Residue Layer

Use Notes

1. Resuspend and apply with the supplied paint brush or dip-coat.
2. Allow to dry at ambient; apply additional coatings if desired.
3. When plastic is deposited onto the printhead, after cooldown to room temperature, simply lift off the melted plastic or use thin spatula/knife to pry it off.

NOTE: The dried paint can be removed with typical solvents like Isopropyl Alcohol, Acetone, Ethanol when cleaning is desired.



Specifications

Active Ingredient	Silicone/PTFE*/BN (Boron Nitride)	
Max Use Temperature		
Regular Use	250 C / 482 F	
Short term Use	300 C / 572 F	
Use Atmosphere	All	
Liquid Carrier	Solvent Mixture	
Brookfield Viscosity (cps)	<50	
Specific Gravity	0.98	
Color	White	
Shelf Life (months)	>12	
Coverage (ft ² /gal)	200 to 400	
H F R Ratings	1-3-0	
Substrate Use	All	

*Commonly known as Teflon® - Registered trademark of DuPont

Sizes and colors

Glob-Off is a white-colored coating.
Standard Size: 1 oz. (30 ml) Nalgene container (paintbrush included)

Safety Information

- Consult SDS before use.
- Avoid breathing of vapors.
- For Industrial use only.

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