


Checklist for optimal dyeing results using the DyeMansion DM60

V1.0, September 2, 2021

The product quality before dyeing with the DyeMansion DM60 must meet the requirements of the final product. Coloring with the DM60 cannot compensate for any quality deficiencies, but rather intensify them.



Check water pressure . (min. 4,0 bar 58 psi)	<input type="checkbox"/>
Check conductivity of demineralized fresh water. ($\leq 20 \mu\text{S}/\text{cm}$)	<input type="checkbox"/>
Ensure sufficient water supply . (max. 150l 39.6 gal per dyeing process)	<input type="checkbox"/>
Clean the lid seal with a damp, lint-free cloth.	<input type="checkbox"/>
Clean the edge of the process chamber with a damp, lint-free cloth.	<input type="checkbox"/>
Clean the inside of the process chamber lid with DyeMansion Cleaning Agent.	<input type="checkbox"/>
Use short cleaning to clean the process chamber before each dyeing.	<input type="checkbox"/>
Check the process chamber for contamination .	<input type="checkbox"/>
Use intensive cleaning to clean the process chamber in case of strong color changes.	<input type="checkbox"/>
Check ignition nozzles for ease of movement. Ignition nozzle returns to initial position on its own.	<input type="checkbox"/>
Check the upper cleaning nozzle for ease of movement.	<input type="checkbox"/>
Use hold-down device for floating components.	<input type="checkbox"/>
Check the best-before date of the color cartridge .	<input type="checkbox"/>
Do not exceed the maximum loading capacity of the dye basket.	<input type="checkbox"/>

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The component surface volume per coloring must correspond to the following specifications: ¹				<input type="checkbox"/>
Cartridge size „S“:	max. 66 dm ²		1.023 in ²	<input type="checkbox"/>
Cartridge size „M“:	max. 121 dm ²		1.876 in ²	
Cartridge size „L“:	max. 159,5 dm ²		2.472 in ²	
Cartridge size „XL“:	max. 198 dm ² 4 dm ³		3.069 in ² 244 in ³	
Remove the components immediately after dyeing to avoid drying stains.				<input type="checkbox"/>
Dry components separated from one another.				<input type="checkbox"/>
Perform short cleaning directly after dyeing.				<input type="checkbox"/>

¹ The dye uptake of a component depends not only on the overall volume of the components to be dyed, but also on many other factors. These include the surface, the component density, the printing parameters, the printer, the processing form and the dye mixture used. The data listed in the table were calculated based on the color DM Black. Therefore, they should be considered as guide values only. Carry out tests with your own equipment, specific formulations and test geometries if you require more precise data.

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