

DM60 CARTRIDGES

DyeMansion's cartridge solutions for reliable,
flexible and sustainable dyeing

Standard Cartridges

Our standard cartridges are the foundation of the DM60 coloring process. They are easy to use, fully contained, and deliver consistent results for every batch size. Each cartridge comes ready to go, ensuring reliable quality and a smooth workflow without extra handling. Thanks to the wide range of available colors, you can cover everything from vibrant classics to bold design statements, making them the ideal choice for both day-to-day production and creative applications. DyeMansion cartridges set the benchmark for reliability, traceability, and confidence in every production run.

Reusable & Refresh Cartridges

With the L-R (reusable) cartridge, your black dyeing capabilities become even more efficient. By working together with the connected DM60 Reservoir, it allows multiple dyeing runs from a single cartridge. This means less handling, extended usage, and a more efficient production process while keeping the same trusted color quality. Complementing this, the L-RR (refresh) cartridge is designed to extend the reuse of your dyeing water by frequently refreshing the dye bath, allowing uninterrupted production with almost zero wastewater. Together, these cartridges provide greater throughput, enhanced efficiency, and the most convenient, sustainable & economical industrial dyeing solution on the market.



STANDARD COLOR
CARTRIDGES

For one dyeing run per cartridge.
Available for all DyeMansion colors.

Product Name	DM60 Color Cartridge
Max dyeing temperature	115°C
Filling volume	400ml
Dimensions (WxLxH)	260 x 125 x 40mm
Number of dyeing runs	1
Compatibility	DM60
Sizes	S/M/L/XL
Material compatibility	Compatible with most common PA12, PA11 and TPE materials. For information on your specific material, reach out to your DyeMansion contact.
Color range	DyeMansion standard colors, RAL, Pantone, X Colors, and Color Matching
Storage recommendation	15-35 °C 59-95 °F, 20-80 % r.h., upright, protect from light
Country of origin	Germany / USA

L-R (REUSABLE)
CARTRIDGES

For multiple black dyeing runs per cartridge.
For use with a connected DM60 Reservoir.
Available for DM Black-01.

Product Name	DM Black 01 L-R (Reusable) Cartridge
Max dyeing temperature	115°C
Filling volume	400ml
Dimensions (WxLxH)	260 x 125 x 40mm
Added number of dyeing runs	4-12
Compatibility	DM60 with DM60 Reservoir
Sizes	One size
Material compatibility	Compatible with most common PA12 & PA11 materials. For information on your specific material, reach out to your DyeMansion contact.
Color range	DM Black-01
Storage recommendation	15-35 °C 59-95 °F, 20-80 % r.h., upright, protect from light
Country of origin	Germany / USA

L-RR (REFRESH)
CARTRIDGES

Used together with the L-R (reusable) cartridge.
Adds fresh dyestuff to the DM60 Reservoir to continue black dyeing without
refilling dyebath.

Product Name	DM Black 01 L-RR (Refresh) Cartridge
Max dyeing temperature	115°C
Filling volume	400ml
Dimensions (WxLxH)	260 x 125 x 40mm
Added number of dyeing runs	3-7
Compatibility	DM60 with DM60 Reservoir
Sizes	One size
Material compatibility	Compatible with most common PA12 & PA11 materials. For information on your specific material, reach out to your DyeMansion contact.
Color range	DM Black-01
Storage recommendation	15-35 °C 59-95 °F, 20-80 % r.h., upright, protect from light
Country of origin	Germany / USA

HOW THE L-R (REUSABLE) CARTRIDGE WORKS

- ✓ Gen I Reservoir: Fixed-run logic. You get 5 additional L runs.
- ✓ Gen II Reservoir: Points-based logic. You get 200 points, which can be used flexibly for S/M/L/XL runs.

Run size	Gen I Reservoir: 5 L runs	Gen II Reservoir: Points per run	Gen II Reservoir: Total runs per L-R (reusable) cartridge
S	-	16	12
M	-	25	8
L	5	40	5
XL	-	50	4

HOW THE L-R (REFRESH) CARTRIDGE WORKS

- ✓ Gen I Reservoir: You get an additional 3 L runs.
- ✓ Gen II Reservoir: You get an additional 120 points, which can be used flexibly for S/M/L/XL runs.

Parameter / Rule	Gen I Reservoir	Gen II Reservoir
Added capacity per L-RR (refresh) cartridge	3 L runs	120 points
Requirements	Must follow an L-R (reusable) cartridge	
Refresh timing	Refresh must happen between 2nd and 5th run	Refresh must happen when there are 120 - 16 points remaining
Maximum refreshes	Max. 4 consecutive refreshes	Technically unlimited (regular draining recommended)
When refresh limit reached	DM60 Reservoir to be emptied; new cycle must start with an L-R (reusable) cartridge	-