

# PURMOP BLACK®

PurMop BLACK® C1

## THE CARBON FIBER MOP-SYSTEM

Cleanroom Cleaning was never so easy:

- ▶ Only 650 g at 214 cm length
- ▶ Mopp-discarding by the push of a button
- ▶ Next Level overhead cleaning

Fully autoclavable

PurMop BLACK® D1+D3

## THE HIGH-PERFORMANCE MOPS

Sustainability through and through:

- ▶ Superior surface capacity – up to 40 m<sup>2</sup>
- ▶ First: made of 100 % recycled materials
- ▶ Integrated Wings for perfect corner-cleaning

Available in validated sterile

# BLACK is the New Clean!

**PurMop BLACK® C1 is a revolutionary mop system which offers ergonomics and performance at the highest level. Made of high-tech carbon fiber material (CFRP), its aim is to be the most lightweight and most user-friendly cleanroom mop system worldwide.**

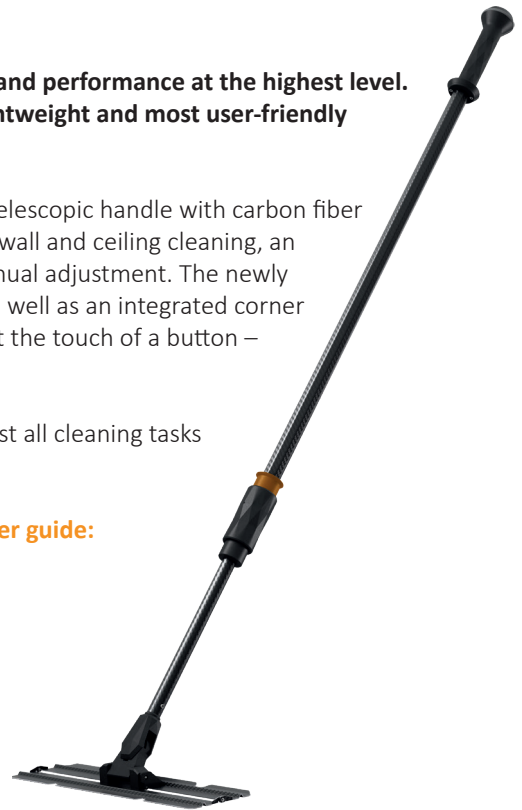
This first of a kind cleaning tool consists of an extremely durable carbon fiber telescopic handle with carbon fiber mop frame, which allows easy length adjustment at the touch of a button. For wall and ceiling cleaning, an integrated centering technology allows ergonomic overhead work without manual adjustment. The newly developed frame and mop design offers significantly increased performance as well as an integrated corner cleaning function. Another highlight of C1 is the integrated mop detachment at the touch of a button – touchless and ergonomic!

With a length adjustment between 145 cm and 212 cm, C1 is suitable for almost all cleaning tasks and all cleanroom classes.

### Highlights:

- Telescopic handle & frame made of carbon fiber
- Extremely lightweight for fatigue-free working
- One-handed length adjustment
- Mop detachment by the push of the button
- Extremely robust and durable
- Highly chemical resistant and autoclavable
- ISO 5 | GMP A/B

PurMop BLACK® user guide:



 **MicLev**  
Quality Products for Microbiology

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# PurMop BLACK® C1 - FAQ

## Is carbon suitable for use in cleanrooms?

Materials that are used in cleanrooms need to be resistant and easy to clean. Their particle emission behavior also needs to be checked. Hydroflex carbon products were developed for use in cleanrooms in consideration of the aforementioned requirements and are recommended for use up to class ISO 5.

## Is the product autoclavable? At what temperature?

Yes. It has been tested at 120°C (248°F) for 20 minutes and at 134°C (237.2°F) for 5 minutes.

## How many autoclave cycles are possible?

At least 50 autoclave cycles are possible.

## Which disinfectants were used to test the material compatibility?

- \_ Diamine
- \_ Ethanol (70 %)
- \_ Isopropanol (70 %)
- \_ Phosphoric acid
- \_ Sodium hydroxide (austic soda)
- \_ Low-residue peroxide
- \_ Hydrogen peroxide (11.9 %)
- \_ Sodium hypochloride (12.5 %)
- \_ Aktive chlorine
- \_ Quarternary ammonium compounds

## Is carbon just as resistant to chemicals as stainless steel?

Thanks to their special material design, Hydroflex carbon products are equally or even more resistant to chemicals.

## What is the overall weight of the new carbon mop system (handle & frame)?

650 g

## What designs does the mop system come in?

The PurMop BLACK® C1 is available in a green and orange design for perfect color coding.

## How long is the handle?

With the frame, the system has an overall length of 212 cm (84 inch) (extended) and 145 cm (57 inch) (retracted).

## Are replacement parts available for the product in case of damage?

Depending on where the damage occurs, Hydroflex may be able to carry out repairs with replacement parts

## Is there a wall bracket for the handle?

Yes, a universal wall bracket for handles is available as an accessory from Hydroflex



**Please contact Miclev for more information!**