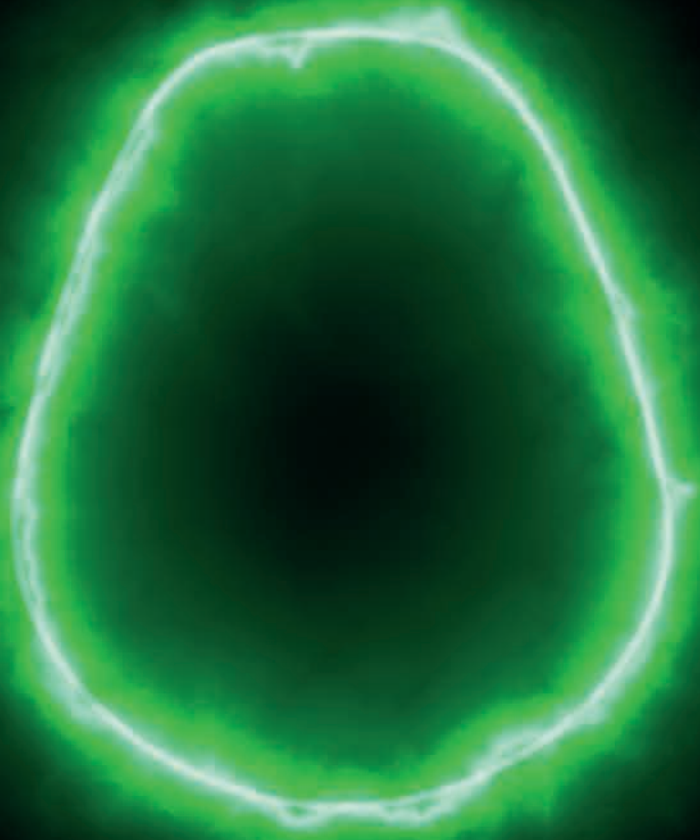


UNGER[®]

Quality Tools for Smart Cleaning



THE ALL NEW

TNLITE[®]

NOTHING STAYS THE SAME.

UNGER

Quality Tools for Smart Cleaning

nLITE®

A MILESTONE FOR PURE WATER CLEANING: THE ALL NEW nLITE WATERFED POLE SYSTEM

It's high time to take cleaning with pure water to a new dimension and era.

It's time to invent a whole new form of telescopic waterfed pole technology.

It's time for a game changer:

THE ALL NEW nLITE

NOTHING STAYS THE SAME!

UNGER is now setting aside the achievements of the past and is once again proving its unconditional will, innovative pioneering spirit, and courageous foresight.

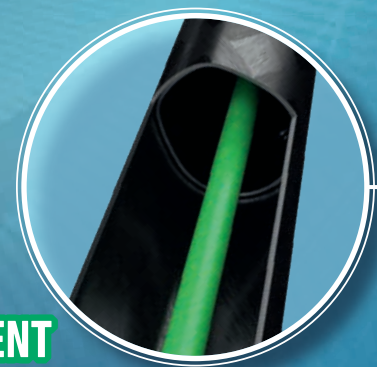
Discover the best and most advanced telescopic waterfed pole system today:

LIGHTER, MORE PRECISE, FASTER.



SMARTLOCK CLAMPS

- Easy and quick to close with just one finger
- Robust 2C material
- Clamp mechanism that protects the carbon material and ensures a long service life for the pole
- Extension stop prevents pulling out pole elements too far



INTEGRATED HOSE MANAGEMENT

Internal routing of the new, highly flexible DuroFlex hose in the telescopic pole for trouble-free work on windows and facades.

Complete flexibility: external routing possible thanks to optional nLite clips.

NEW!



PRECISIONGRIP POLE FORM

Innovative, unique pole shape, with contact surfaces optimally adapted to the shape of your hand:

- For ergonomic working and making best use of your strength
- More precise control of the cleaning movement and high force transmission
- Uninterrupted work due to non-twisting pole



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TOP PERFORMANCE THROUGH PROGRESS

Innovation, high quality, and customer-oriented development have always been **UNGER**'s guiding principles. This applies once again to the new generation of the **nLite** telescopic pole system:

- German engineering in a timelessly stylish design
- Intelligent solution for faster, more flexible system setup
- Pioneering technologies for more effective cleaning results
- High Quality – Made in Germany



HIGH-END CARBON MATERIALS

Ultra-lightweight. Extremely durable. Four choices of carbon:

- **CARBON COMPOSITE:** High quality mix of carbon and glass fibres
- **CARBON 24K:** Premium carbon fibres in a unique weave of 24,000 fibres per bundle
- **HiMod CARBON:** Premium carbon fibres with extreme rigidity and high resilience
- **Ultra HiMod CARBON:** Specially woven high-end carbon fibres with 30% greater stiffness than HiMod Carbon for particularly tall working heights



MORE STABLE, HIGHER, MORE PRECISE, WOW!

UNGER has developed its new **nLite** telescopic poles to take your performance to new heights. Maximising refined details and precision while minimising time and effort spent getting organised for your work.

- No twisting: trouble-free work and less wear and tear
- Optimal stability-to-weight ratio
- Greater pole rigidity
- More precise control of the cleaning movement



POWER BRUSH AND ANGLE ADAPTER

Innovative modular system that makes a difference because it offers almost limitless application options:

- 2 brush widths combined with further equipment options
- Gooseneck adapter system = maximum flexibility even in hard-to-reach places

TELESCOPIC MAIN POLE

6-sections main telescopic pole:

- Can be extended with extension poles (CARBON 24K, HiMod CARBON, Ultra HiMod CARBON)
- Length 8.6 m (collapsed 1,7 m) means you can reach the second floor
- Optimal diameter for perfect ergonomic handling

EXTENSION ADAPTER

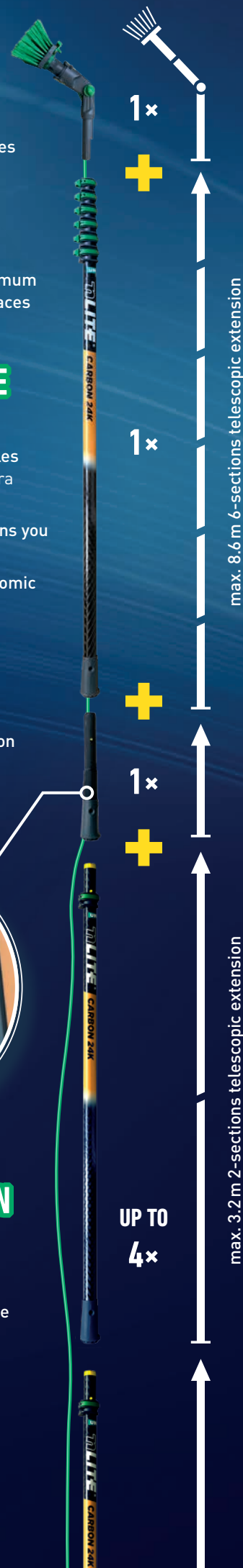
Connects the first telescopic extension pole to the telescopic main pole with internal hose routing.



TELESCOPIC EXTENSION POLE

2-sections telescopic extension pole:

- Length 3.2 m (collapsed 1,8 m) = one floor
- Depending on the version, up to 4 extension poles can be used
- Working heights up to 22 m
- Constant and optimal diameter for every length



UNPRECEDENTED DIMENSIONS IN WINDOW CLEANING

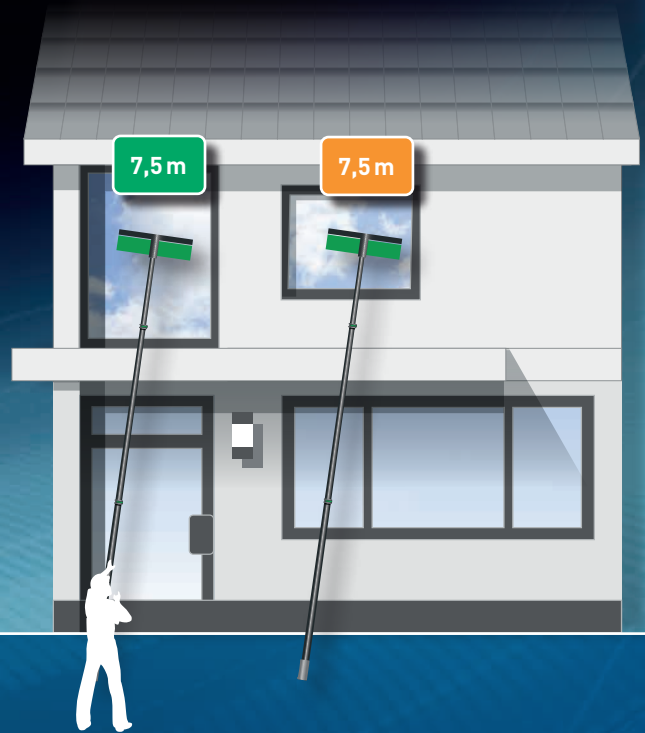
The pole lengths offered by the all new **nLite** system have been created and optimised for your everyday work.

From now on, you can easily think of how many floors' you can clean. The telescopic main pole now measures 8.6 m, so it extends to the 2nd floor. Each extension pole offers exactly the additional length to take you up another storey (3.05 m).

For use in less high buildings or with a boom lift, we have the right solution for you with telescopic poles ranging from 1.6 m to 6 m in length.

UNGER guarantees the best possible premium quality in each of the 4 material classes used and thus the perfect solution for every working height.

4,7 m — Colour = material quality
metres shown = working height



| | | | |
|--------------------|--------------|-----------|-----------|
| Part number: | CC32T | CC60T | CF60T |
| Pole elements: | 2 | 4 | 4 |
| Total pole length: | 3.20 m | 6.00 m | 6.00 m |
| Recommended for: | Ground floor | 1st floor | 1st floor |

Carbon COMPOSITE

RESILIENCE: 96 GPa

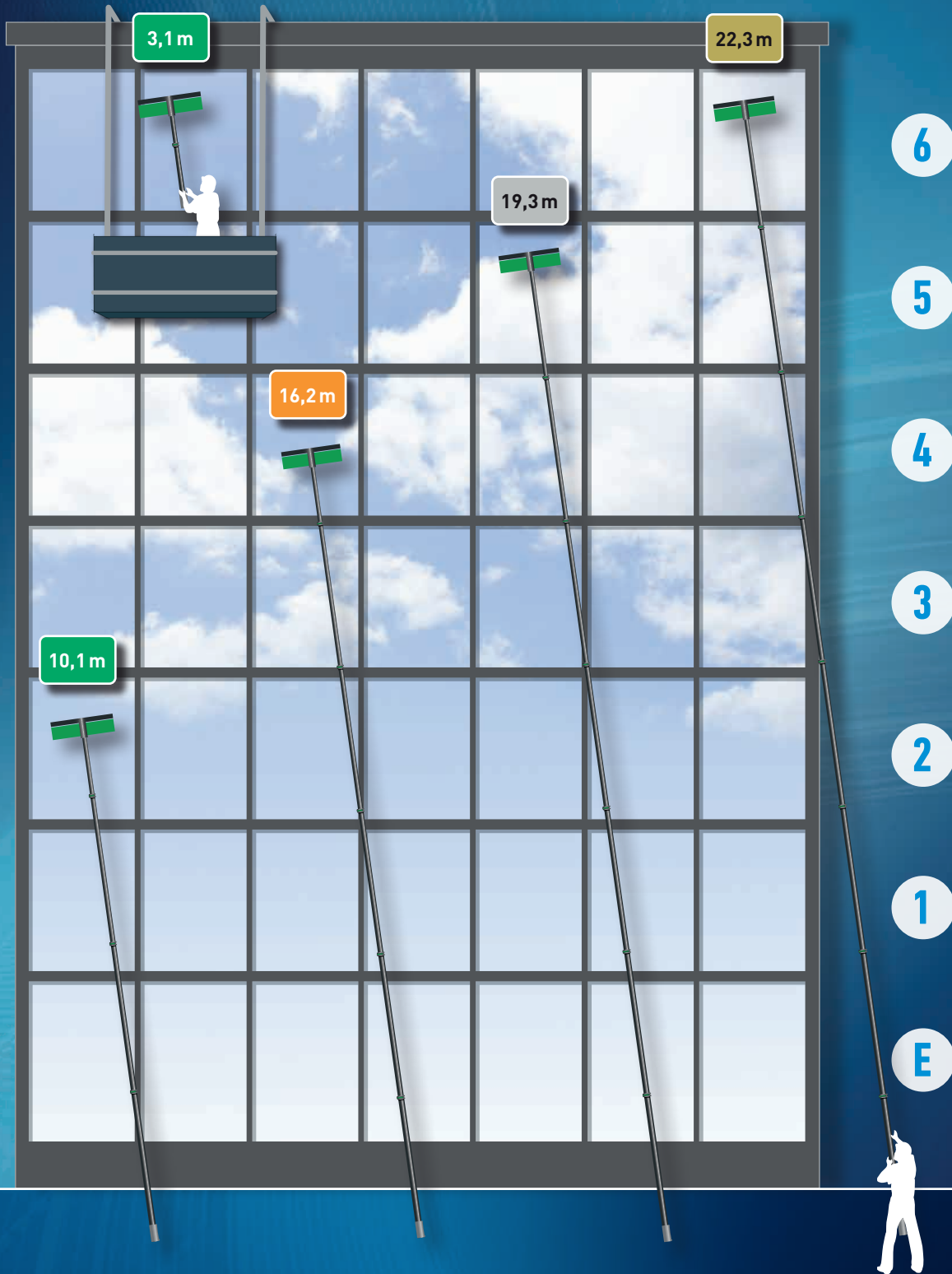
Recommended for working heights of up to **10 m**

Carbon 24k

RESILIENCE: 210 GPa

Recommended for working heights of up to **16 m**

CC16T
Pole length 1.6 m



CC85T

6
8.60 m
2nd floor

CF86G + 2× CF33G

6 + 2×2
14.70 m
4th floor

HM86G + 3× HM33G

6 + 3×2
17.80 m
5th floor

UH86G + 4× UH33G

6 + 4×2
20.80 m
6th floor

HiMod CARBON

RESILIENCE: 360 GPa

Recommended for working heights of up to **19 m**

Ultra HiMod CARBON

RESILIENCE: 760 GPa

Recommended for working heights of up to **22 m**

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NEW!

RINSE BAR

This special flushing nozzle bar is attached above the brush and delivers the right amount of pure water exactly where it is needed for powerful rinsing of the cleaned surface - surface - more effective than ever before! Ideal in connection with the swivel function

- Water jets from the nozzle block built into the middle of the brush ensure powerful dirt removal



POWER BRISTLE TECHNOLOGY

- A** Inner bristles with extremely high cleaning performance, comparable to natural hair bristles
- B** Longer outer bristles for easy gliding: no more annoying jumping of the brush



SOFT TOUCH BUMPER

- The edge protection made of soft plastic:
- Safe protection against scratches and other damage to window frames
 - Significant noise reduction when coming into contact with parts of the building



ON TOP: SWIVEL FUNCTION AND POWER BRISTLE TECHNOLOGY

Outstanding down to the last detail: a fully optimized brush concept prepares you for almost any challenge.

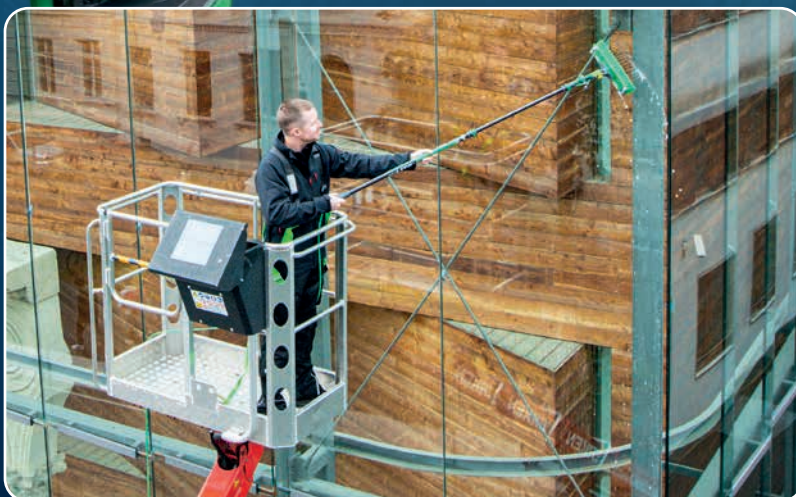
- Clever water distribution system
- Innovative bristle technology
- Precision cleaning down to the last corner
- Ultimate cleaning performance for perfect results



SWIVEL LOCK

You've never cleaned faster and more precisely down to the last corner: the swivel function is a completely new way of cleaning with pure water up to the first floor (6 m). Open the SwivelLock and experience the advantages:

- The brush soaked, which can be swivelled freely through 180°, enables the surface to be cleaned with an S movement with the brush touching down over the entire surface
- Enlarges the work area, ideal for cleaning from boom lifts or gondolas



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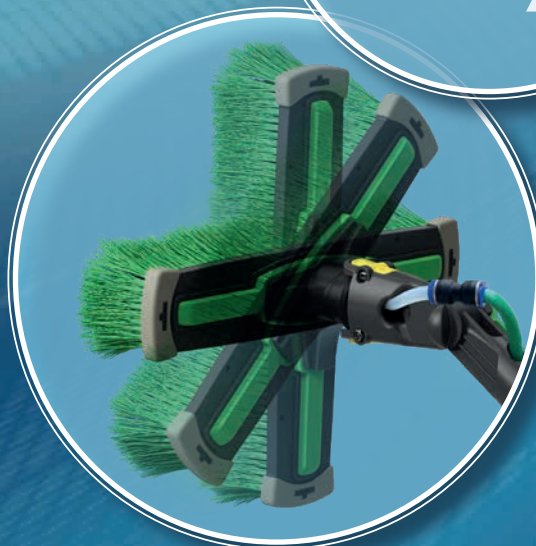
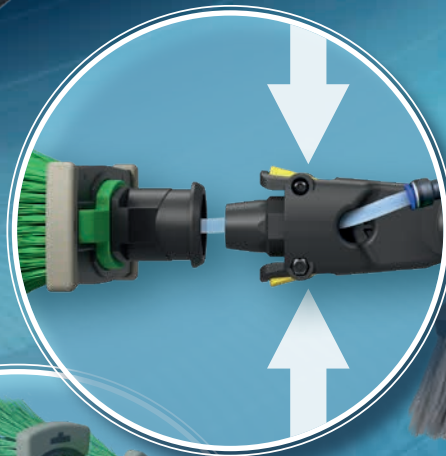
MODULAR ANGLE ADAPTER SYSTEM: CLEAN HARD-TO-REACH PLACES

Another clever feature of the new **nLite** pole system is the modular angle system, in which you can combine four individual elements in any number of variants in order to easily reach places that are difficult to access. Whether conservatories or overhanging façade elements, this system gives you the perfect angle for every application.

Simply adapt the modular angle adapter individually to your application



- A** Pole adapter
- B** Brush adapter
- C** Angle element short
- D** Angle element long



FAST LOCK

With a single click: simple, fast, and stable connection for every work situation:

- Change brushes in seconds
- Adjust brush angle in 45° stages
- No twisting when cleaning!

NEW!

ANGLE ADAPTER KITS

Choose from three pre-configured angle adapter kits:



Angle adapter kit L
NGS45

Angle adapter kit M
NGS30

Angle adapter kit S
NGS15

HYDRO POWER: OUR INNOVATIVE AND EFFICIENT PURE WATER FILTERS

If you want to clean with the most advanced telescopic pole system, the right pure water filter is indispensable. Depending on your individual requirements, choose between DI or RO in different performance classes. Here you will find the solution that fits your requirements:

ungerglobal.com/en/applications/pure-water-cleaning-system



PRODUCT OVERVIEW

nLite® Telescopic poles



| | Part No. | Info | Extended | Collapsed | Sections | Pack |
|--------------------|----------|--|----------|-----------|----------|------|
| CARBON COM POSITE | CC16T | Telescopic pole | 1,6 m | 0,9 m | 2 | 1 |
| | CC32T | Telescopic pole | 3,2 m | 1,68 m | 2 | 1 |
| | CC60T | Telescopic pole | 6,0 m | 1,68 m | 4 | 1 |
| | CC85T | Telescopic pole | 8,6 m | 1,68 m | 6 | 1 |
| | CC85C | Telescopic pole CC85T, Angle adapter NGS15, Power brush NFF28 | | | | |
| CARBON 24K | CF60T | Telescopic pole | 6.0 m | 1,68 m | 4 | 1 |
| | CF86G | Telescopic main pole | 8.6 m | 1,68 m | 6 | 1 |
| | CF33G | Telescopic extension pole | 3.2 m | 1,80 m | 2 | 1 |
| | CF12C | Telescopic main pole CF86G, Extension adapter NLHCC, Telescopic expansion pole CF33G, Angle adapter NGS30, Power brush NFF28 | | | | |
| HiMod CARBON | HM86G | Telescopic main pole | 8.6 m | 1,68 m | 6 | 1 |
| | HM33G | Telescopic extension pole | 3.2 m | 1,80 m | 2 | 1 |
| | HM12C | Main telescopic pole HM86G, Extension adapter NLHCC, Telescopic expansion pole HM33G, Angle adapter NGS30, Power brush NFK28 | | | | |
| Ultra HiMod CARBON | UH86G | Telescopic main pole | 8.6 m | 1,68 m | 6 | 1 |
| | UH33G | Telescopic extension pole | 3.2 m | 1,80 m | 2 | 1 |
| | UH12C | Telescopic main pole UH86G, Extension adapter NLHCC, Telescopic expansion pole UH33G, Angle adapter NGS30, Power brush NFK28 | | | | |

All telescopic poles (excl. extension poles) are delivered with an internal hose [pole length + approx. 30 cm]

nLite® Power Brushes, Angle Adapters and Accessories



| | Part No. | Info | Width | Bristles | Pack |
|---------------|----------|---|--------|-----------|------|
| POWER BRUSHES | NUF28 | Power brush | 28 cm | Unflagged | 1 |
| | NFF28 | Power brush | 28 cm | Flagged | 1 |
| | NUF41 | Power brush | 42 cm | Unflagged | 1 |
| | NFF41 | Power brush | 42 cm | Flagged | 1 |
| | NUK28 | Power brush, bumper, swivel function, rinse bar | 28 cm | Unflagged | 1 |
| | NFK28 | Power brush, bumper, swivel function, rinse bar | 28 cm | Flagged | 1 |
| | NUK41 | Power brush, bumper, swivel function, rinse bar | 42 cm | Unflagged | 1 |
| | NFK41 | Power brush, bumper, swivel function, rinse bar | 42 cm | Flagged | 1 |
| ANGLE ADAPTER | Part No. | Info | Width | | Pack |
| | NGS15 | Angle adapter kit S | 15 cm | | 1 |
| | NGS30 | Angle adapter kit M | 42 cm | | 1 |
| | NGS45 | Angle adapter kit L | 82 cm | | 1 |
| ACCESSORIES | Part No. | Info | Length | | Pack |
| | NLWVI | Water flow regulator | - | | 1 |
| | NLHKP | Clips for outer hose routing | - | | 6 |
| | NLHCC | Extension adapter | 40 cm | | 1 |
| | DLS25 | DuroFlex hose | 25 m | | 1 |
| | DLS50 | DuroFlex hose | 50 m | | 1 |

UNGER Germany GmbH
 Piepersberg 44
 D-42653 Solingen
 Germany
 Tel.: (49) 212 2207 0
 Fax: (49) 212 2207 222
 unger@ungerglobal.com
 www.ungerglobal.com

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