



TURBINES
AIR OF PRECISION AND POWER

YANN GATEAU

HES (University of Applied Science) Engineer in Microtechnology
Characterisation of the sound level. Use of A-weighted frequency values, simulating human perception.



BIEN-AIR

A TRADITION OF INNOVATION AND EXCELLENCE

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Producing the best instruments to simplify the work of practitioners and constantly improve patient comfort. This has been Bien-Air's mission since its creation in 1959. Paying careful attention to professionals every day, Bien-Air has met increasing challenges, always setting the bar higher. A true culture of excellence sitting perfectly with the tradition of Swiss Made products from the renowned Watch Valley.

Our promise for the future is to continue to innovate, to offer you the most advanced and most reliable instruments. Facilitating your work, day in, day out.

SWISS
MADE 
QUALITY

Reliability, precision and ergonomics are at the core of the development of each of our products.

BIEN-AIR TURBINES

ALL GREATNESS HAS A HISTORY

Bien-Air designed the first ever reliable turbine, marking the first of many revolutionary innovations: the first push-button bur change mechanism, air bearing technology, the first quick-connect coupling connection, the dual multi-strand optical glass conductor... to name just a few. These technological advances have always helped to make our turbines unique.

The most advanced technology, the most refined ergonomics: our collection of Bien-Air turbines has always been characterised by this perfect balance.



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BLACKLINE

Light, slim and ultra-resistant: Blackline handles made from vacuum-moulded carbon fibre have set a new technological standard.



QUALITY LED

Adjustable brightness, natural light, no overheating and exceptional resistance to sterilisation.



DUALOOK

The dual multi-strand optical glass conductor provides the best lighting on the market and is robust enough to withstand all conditions.



ACCU-SPRAY

Cooling with 3 sprays with 6 separate air and water nozzles. The ultra-precise nebulisation this offers provides the best possible cooling, and ensures perfect visibility.



SEALED HEAD

In combination with the anti-retraction valve, a Teflon® lip prevents any residues or contaminants from entering the instrument.



CERAMIC REVOLUTION

Longer service life, greater precision. Less noise, less vibration. Superior quality ceramic ball bearings.



ACCU-CHUCK

The most precise bur locking and rotation drive technology in the world. Discover instruments with no imbalance or vibration.



COOL TOUCH

Push-button with an anti-heating safety system. This reduces the risk of burning your patients with the head of your instrument. For your comfort and your patients' safety.



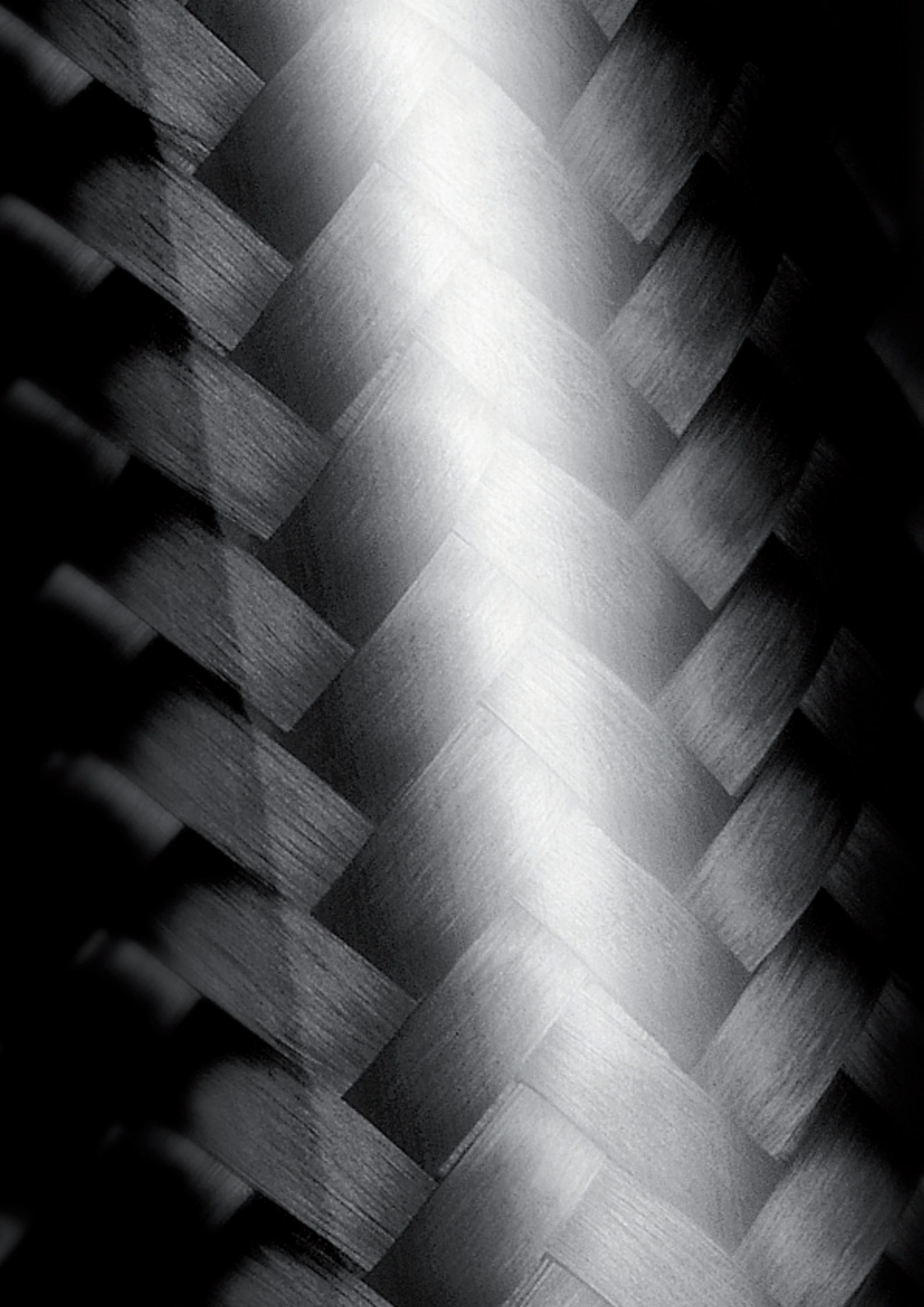
SOFT PUSH

Bien-Air's unique push-button insert and clamp locking mechanism. Light pressure is all that's required. Bur changing is quick, comfortable, safe and accurate.



FREE MOVE

The Bien-Air turbine-hose combination offers a freedom of movement conducive to working comfort, thanks to the light and flexible rotating coupling.



BLACKLINE

THE CHALLENGE OF PERFECTION

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Imagine a high-performance instrument so incredibly light and fine, yet sleek and strong. Inspired by the latest technological advances in the most demanding fields such as aeronautics, sailing and competitive sports, the Blackline Bora incorporates a carbon fibre handle.

Power, precision and ergonomics. With our new Blackline range, take the excellence challenge.

In creating the Blackline range, Bien-Air is perpetuating a tradition of innovation and high technology.

BORA & PRESTIGE AHEAD OF THE FIELD

The range of Bora & Prestige turbines combines cutting edge technology with exceptional ergonomics. The advanced performance for which they are renowned has been optimised even further and the purity of their lines make them simply unique. A perfect union of form and function for procedures of unprecedented efficiency and comfort.



BORA L BLACKLINE LED



BORA L LED



BORA L





BORA



PRESTIGE L BLACKLINE LED



PRESTIGE L LED



PRESTIGE L



PRESTIGE





Bora & Prestige turbines guarantee impeccable hygiene thanks to the Sealed Head air and water anti-retraction valves and perfect nebulisation provided by the six separate Accu-Spray air and water nozzles. Lastly, they are equipped with a practical Cool Touch push-button which prevents overheating and the new Accu-Chuck mechanism which reduces vibrations and noise.

Fitted with an exclusive dual conductor LED system, our turbines provide uniform lighting of the working area, with the intensity of the light almost doubled thanks to brand new technology: hot-pressed multi-strand optical glass.



BORALINA & PRESTILINA UNCOMPROMISING QUALITY



Get back to basics with these long-proven, superb instruments: authentic, reliable and well-priced. Designed along the same lines as its big cousin, the Bora, the Boralina turbine is remarkably powerful and robust. The Prestilina is a simplified version of the Prestige turbine. It guarantees unparalleled handling and accuracy, thanks in particular to its small head.

When it comes to instrument changing, it could not be simpler thanks to the 4-way and 2-/3-way Unifix quick-connect couplings. Quality and long service life at an unrivalled price.



BLACK PEARL ECO

SIMPLICITY ITSELF



The competitive price, lightness and ease of maintenance of the Black Pearl Eco ensure it stands apart. If this were not enough, its power has been increased by more than 50%. It has one separate air/water spray and connects directly to a 2-/3-way or 4-way hose. Its moderately sized head makes this the versatile turbine par excellence.

Practical and robust, the Black Pearl Eco turbine is a comprehensive and indispensable instrument.





TECHNICAL DATA

BORA L BLACKLINE / BORA L

Type	Turbine with LED light
Handle	Made from carbon fibre or metal
Connection	Using 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	320,000 rpm
Recommended air pressure	2.6 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass conductor
Lighting	LED with adjustable intensity
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	59g Blackline version / 75g metal version
Bora L Blackline LED ref.	1600637-001 carbon fibre handle
Bora L LED ref.	1600638-001
Bora L Blackline LED + 4-way Unifix set ref.	1700303-001
Bora L LED + 4-way Unifix set ref.	1700305-001



BORA L

Type	Turbine with light
Connection	Using 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	320,000 rpm
Recommended air pressure	2.6 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass conductor
Lighting	Halogen
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	78g
Bora L ref.	1600382-001
Bora L + 4-way Unifix set ref.	1700189-001



BORA LK BLACKLINE / BORA LK

Type	Turbine for MULTIflex® coupling with light
Handle	Made from carbon fibre or metal
Connection	Using MULTIflex® coupling
Speed of rotation	320,000 rpm
Recommended air pressure	3.1 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass, MULTIflex®-compatible
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	57g Blackline version / 72g metal version
Bora LK Blackline ref.	1600731-001 carbon fibre handle
Bora LK ref.	1600732-001



PRESTIGE L BLACKLINE / PRESTIGE L

Type	Turbine with LED light, small head
Handle	Made from carbon fibre or metal
Connection	Using 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	315,000 rpm
Recommended air pressure	3.1 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass conductor
Lighting	LED with adjustable intensity
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	56 g Blackline version / 71 g metal version
Prestige L Blackline LED ref.	1600640-001 carbon fibre handle
Prestige L LED ref.	1600641-001
Prestige L Blackline LED + 4-way Unifix set ref.	1700304-001
Prestige L LED + 4-way Unifix set ref.	1700306-001



PRESTIGE L

Type	Turbine with light, small head
Connection	Using 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	335,000 rpm
Recommended air pressure	3.1 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass conductor
Lighting	Halogen
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	73 g
Prestige L ref.	1600380-001
Prestige L + 4-way Unifix set ref.	1700184-001



PRESTIGE LK BLACKLINE / PRESTIGE LK

Type	Turbine for MULTiflex® coupling with light, small head
Connection	Using MULTiflex® coupling
Handle	Made from carbon fibre or metal
Speed of rotation	330,000 rpm
Recommended air pressure	3.5 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Light transmission	Multi-strand optical glass, MULTiflex®- compatible
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	54 g Blackline version / 72 g metal version
Prestige LK Blackline ref.	1600733-001 carbon fibre handle
Prestige LK ref.	1600734-001



TECHNICAL DATA



BORA

Type	Turbine without light
Connection	Using 2-/3-way or 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	320,000 rpm
Recommended air pressure	2.6 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	72g
Bora ref.	1600381-001
Bora + 2-/3-way Unifix set ref.	1700187-001
Bora + 4-way Unifix set ref.	1700188-001



PRESTIGE

Type	Turbine without light, small head
Connection	Using 2-/3-way or 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	315,000 rpm
Recommended air pressure	3.2 bar
Cooling	Diffuser, with 3 separate air and water sprays, water anti-retraction valve
Ball bearings	Ceramic, for an improved service life
Chuck locking mechanism	Push-button with anti-heating system
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	65g
Prestige ref.	1600379-001
Prestige + 2-/3-way Unifix set ref.	1700185-001
Prestige + 4-way Unifix set ref.	1700186-001



BLACK PEARL ECO

Type	Turbine without light
Connection	Direct connection to 2-/3- or 4-way hose
Speed of rotation	310,000 rpm
Recommended air pressure	2.5 bar
Cooling	1 separate air and water spray
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	50g 2-/3-way version / 54g 4-way version
Black Pearl Eco 2-/3-way ref.	1600039-001
Black Pearl Eco 4-way ref.	1600040-001

BORALINA

Type	Turbine without light
Connection	Using 2-/3-way or 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	310,000 rpm
Recommended air pressure	2.7 bar
Cooling	1 separate air and water spray
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	61 g
Boralina ref.	1600373-001
Boralina + 2-/3-way Unifix set ref.	1700200-001
Boralina + 4-way Unifix set ref.	1700201-001



PRESTILINA

Type	Turbine without light, small head
Connection	Using 2-/3-way or 4-way Unifix quick-connect coupling, rotating 360°
Speed of rotation	410,000 rpm
Recommended air pressure	2.5 bar
Cooling	1 separate air and water spray
Cleaning/Sterilisation	Thermo washer disinfectable/Steam autoclave up to 135°C
Weight	60 g
Prestilina ref.	1600372-001
Prestilina + 2-/3-way Unifix set ref.	1700198-001
Prestilina + 4-way Unifix set ref.	1700199-001



UNIFIX COUPLINGS

Type	Quick-connect coupling, rotating 360°
Version with light	With anti-retraction lock on the air
4-way Unifix for instruments with light ref.	1600363-001
4-way Unifix for instruments with light, with a valve for regulating the spray, ref.	1600086-001
4-way Unifix ref.	1600082-001
2-/3-way Unifix ref.	1600081-001
2-/3-way adapter for 4-way hose ref.	1600089-001



HOSES

Type	With 4-way coupling and electrical socket
4VLM multi-purpose hose, grey/air exhaust ref.	1600097-001 / standard length 1.7 m
4VLM multi-purpose hose, grey/air exhaust ref.	1600097-0 / special length
4VLM multi-purpose hose, grey/without air exhaust ref.	1600102-001 / standard length 1.7 m
4VLM multi-purpose hose, grey/without air exhaust ref.	1600102-0 / special length



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