LASER
INDUSTRIE

PRODUCT CATALOGUE 2027

Industrial
spraying solutions



MADE IN FRANCE

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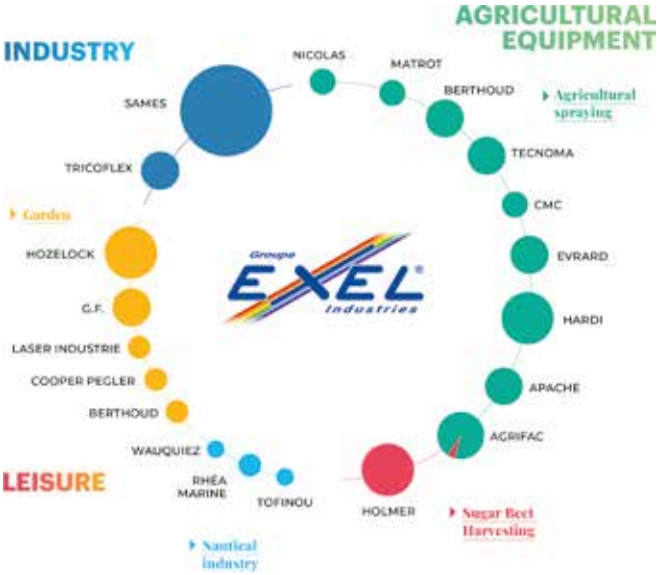
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- Nozzles
- Triggers
- Lances
- Weed killing
- Maintenance kits

INTRODUCTION

LASER belongs to the french family group **EXEL INDUSTRIES**, world leader in agricultural spraying and beet harvesters and among the main world leaders in consumer watering and spraying industrial.

- World No. 1 in plant protection
- World No. 3 in materials protection
- 3 546 employees, of which 57.6% abroad
- Subsidiaries located in 35 countries on all continents
- 24 industrial sites around the world
- Over 316 active patents filed in many countries.



LASER

The LASER INDUSTRIE range of professional sprayers is dedicated to industry in all of its forms. Since 1991, we have been manufacturing high-performance, reliable sprayers that are technologically very advanced, designed to resist aggressive chemicals (acids, solvents, detergents, bases, etc.)

LASER® INDUSTRIE

Our sprayers are used in various fields such as:

- Construction (main works, secondary works)
- Automotive
- Hygiene
- Livestock farming
- Agri-foods
- Pest control



LASER ADDED VALUES

- ✓ **A diversified offer that adapts to the customer**
- ✓ **Made in France**
- ✓ **A responsive after-sales service with a catalogue of 250 spare parts available**
- ✓ **Product reliability and safety thanks to our ISO 9001 standard**



All of our sprayers with a volume greater than 2 litres are **made in France**, in our factory HOZELOCK-EXEL situated in Villefranche-sur-Saône in the heart of Beaujolais. We are proud to **support the local economy** and use **French know-how.**



certified ISO 9001:2015

With ISO 9001 certification, our company applies **demanding quality controls** to all the manufacturing processes in order to **provide quality and safety which complies** with the requirements of the Machine Directive.

Customer service

- We keep parts of our old models available for up to 10 years
- Our devices are guaranteed for a minimum of 2 years in accordance with the regulations in force.
- We provide a spare parts catalogue with exploded views of our products



www.laser-industries.com/en/

A complete site to help you in your research



Our content



Product Sheets:
product & accessories in detail

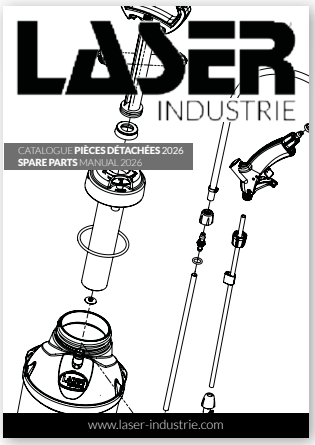


The assembly instructions and use of products

Download our catalogues



Product catalogue



The spare parts catalogue:
exploded diagrams of each product with individual parts and reference numbers

LASER INDUSTRIE

a customised, high-performance and reliable sprayer range

Specially suited for the needs of industry, the LASER INDUSTRIE range of sprayers was designed to resist aggressive chemicals for intensive use such as concentrated acids, alkaline strippers... Applying aggressive chemicals requires components that are specifically selected for their chemical compatibility, but which also provide the sprayer with an excellent lifespan while still providing the user with comfort and performance. That is why several points have to be taken into account when choosing the sprayer adapted to one's needs.

The sprayer trigger

The trigger is an essential part of the sprayer as it is the part that is in contact with the user's hand but also with the chemical.

LASER INDUSTRIE sprayers are equipped with the «Profile» trigger which provides optimum comfort during use thanks to its ergonomic shape and guarantees safe and reliable use for the operator.

For example, our «special for acid» trigger includes a seal that isolates the spring of the handle from the sprayed liquid which protects the pistons and therefore the trigger.



The quality of the hose

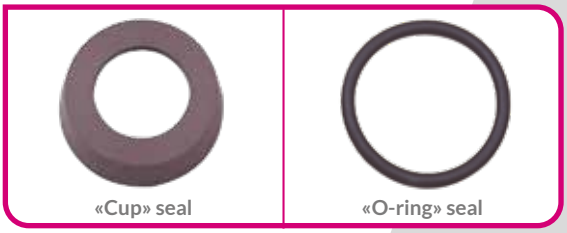
In order to guarantee long life for our sprayers, all of our hoses are woven in order to guarantee excellent resistance over time. The latter are all manufactured in France by Tricoflex, the reference in hoses.

We have selected the hoses according to the type of application. Our Expert Viton models are as such equipped with hytrel hoses, a material that is highly resistant to solvent chemicals.



The various seals of the sprayer

Most of the LASER INDUSTRIE sprayers are equipped with «CUP» seals which allow for more surface contact compared to conventional «O-ring» seals. This specificity protects the pump for a longer lifespan and increases pumping efficiency.



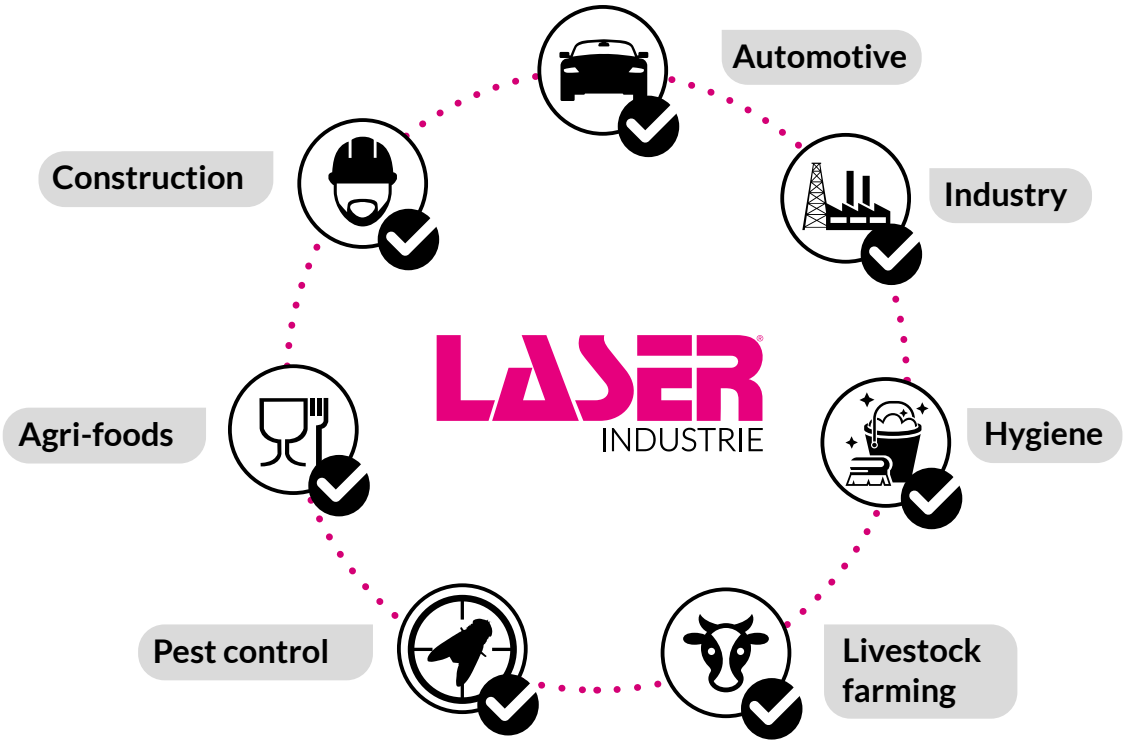
Types of sprayable chemicals

As with seals, sprayers are designed to resist a range of chemicals thanks to specific components (seals, material of the lance, quality of the hose, valve, pump ...)

The 3 major families of chemicals are:
- Neutral products / NO-corrosive
- Acid products / solvent base
- Alkaline products / chlorine base

Each substance is unique and its composition includes an active product, adjuvants, a diluent and other additives. The safety data sheet (MSDS) and the product composition serve as a basis for the compatibility analysis, but it is not 100% certain. If you have any doubts, please do not hesitate to send us your request. Our technical department will get back to you as soon as possible.

A CLEAR SEGMENTATION



Thanks to our product revamp, it is now much easier to make the right choice from the extensive LASER INDUSTRIE range:

- By a simple language :
  - Segmenting products by **type of activity**
  - **Colour coding products** according to the materials to be sprayed (pH, adapted seals)
  - Find the colour segmentation of Laser products **on all packaging elements**.
- Thanks to a **complete and consistent range** in order to meet the market expectations
- By clearly communicating **the key-product benefits** of our LASER INDUSTRIE ranges







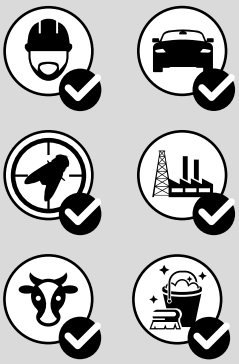
The presentation of the LASER INDUSTRIE product range enables you to identify the correct sprayer according to the pH of sprayed product.
In addition, each component (seal, lance, trigger, hose, etc) has a spectrum of resistance to different chemicals. So, we propose sprayers with the most appropriate combination of materials according to the material to be sprayed.

Please contact us to check the compatability of a sprayer with the MSDS (Material Safety Data Sheet) of the product you intend to use

Acid products

Oils and petroleum derivatives, diluted acids, detergents, aliphatic, aromatic or chlorinated solvents, strong but slightly oxidising acids.

pH 0-8 *





Laser 2 Viton 8056 100-002-136

Exel 7 Construction 8034 100-003-750

Exel 7 Viton 8057 100-003-765

Exel 10 Viton 8058 100-003-766

Laser 7 Viton 8038 100-003-752

Laser 12 Viton 8040 100-003-753

Expert 8 Viton 101180 100-002-532

Expert 14 Viton 101181 100-002-533

Laser 7 Electric Viton 100-102-180 **Electric Range**

Expert 7 Electric Viton 100-102-281 **Electric Range**

Laser 2 Viton Mousse 8066 100-103-771 **Foam Range**

Neutral products

Herbicides, insecticides, fungicides.

pH 6-8 *



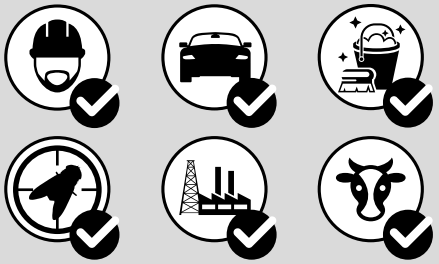


Exel 7 Nitrile 7007 100-003-612 (product with white box)

Basic products

Bleach, disinfectants, paint strippers, caustic soda, concentrated alkaline products, vehicle cleaners.

pH 6-14 *





Laser 2 EPDM 8059 100-002-137

Expert 8 EPDM stainless steel lance 101177 100-002-530

Expert 14 EPDM stainless steel lance 101178 100-002-531

Expert 8 EPDM 101173 100-002-528

Laser 2 Foam EPDM 8065 100-003-770 **Foam Range**

Laser 12 Foam EPDM 8053 100-003-762 **Foam Range**

The LASER INDUSTRIE range also includes, triggers, knapsacks and accessories!

*Before using the product, please check the compatibility between the sprayer and the chemical.

Applications	LASER 2 Viton	EXEL 7 Construction	EXEL 7/10 Viton	LASER 7/12 Viton	EXPERT 8/14 Viton
					
	8056 100-002-136	8034 100-003-750	8057 - 8058 100-003-765 / 100-003-766	8038 - 8040 100-003-752 / 100-003-753	101 180 - 101 181 100-002-532 / 100-002-533
Acetone	NO	NO	NO	NO	NO
Weed killer	YES	YES	YES	YES	YES
Neutral roof anti-moss	YES	YES	YES	YES	YES
Alkaline roof anti-moss	NO	NO	NO	NO	NO
Solvent formwork oil	YES	YES	YES	YES	YES
Plant formwork oil	YES	YES	YES	YES	YES
Linseed oil	YES	YES	YES	YES	YES
Oil for protecting farming machinery	YES	YES	YES	YES	YES
Solvent waterproofing agent for facades	YES	YES	YES	YES	YES
Neutral waterproofing agent for facades	YES	YES	YES	YES	YES
Neutral anti-slip agent	YES	YES	YES	YES	YES
Diluted acids	Contact us				
Neutral formula wood treatment	YES	YES	YES	YES	YES
Wood treatment solvent	YES	YES	YES	YES	YES
Adhesives for wall covering	YES	YES	YES	YES	YES
GO or FUEL	NO	NO	NO	NO	YES
Neutral or acidic disinfectants	YES	YES	YES	YES	NO
Alkaline disinfectants	NO	NO	YES	NO	NO
Foaming alkaline disinfectants	NO	NO	YES	NO	NO
Javel (diluted between 2.5 and 5%)	NO	NO	NO	NO	NO
Diluted caustic soda	NO	NO	NO	NO	NO
Foaming neutral or acidic disinfectants	NO	NO	NO	NO	NO
Neutral or acidic insecticides	YES	YES	NO	YES	YES (except wasp killers)
Alkaline insecticides	NO	NO	NO	NO	NO
Alkaline detergents	NO	NO	NO	NO	NO
Foaming alkaline detergents	NO	NO	NO	NO	NO
Neutral or acidic detergents	YES	YES	NO	YES	YES
Foaming neutral or acidic detergents	NO	NO	NO	NO	NO
Paint strippers	YES	YES	NO	YES	YES
Odour killers	YES	YES	NO	YES	YES
Descaling agents (stainless steel)	YES	YES	NO	YES	NO
Vaccination via inhalation	NO	NO	NO	NO	NO
Vaccination via contact	NO	NO	NO	NO	NO
Chemicals approved for food contact	NO	NO	NO	NO	NO
Liquid food (milk, brine, syrup, colouring)	NO	NO	NO	NO	NO

	LASER 7 Electric Viton	EXPERT 7 Electric Viton	COSMOS 18 Pro Export	LASER 2 EPDM	EXPERT 8 EPDM	EXPERT 8/14 EPDM Steel lance	Exel 7 Nitrile	Other references
								
	100-102-180	100-102-281	102 216 100-002-606	8059 100-002-137	101 173 100-002-528	101 177 - 101 178 100-002-530 / 100-002-531	7007 100-003-612	
	NO	NO	NO	YES	YES	YES	NO	
	YES	YES	YES	YES	YES	YES	YES	
	YES	YES	YES	YES	YES	YES	YES	
	NO	NO	YES	YES	YES	YES	NO	
	YES	YES	NO	NO	NO	NO	NO	
	YES	YES	YES	NO	NO	NO	YES	
	YES	YES	YES	NO	NO	YES	NO	
	YES	YES	YES	NO	NO	NO	NO	
	YES	YES	YES	NO	NO	NO	NO	
	YES	YES	YES	YES	YES	YES	NO	
	YES	YES	YES	YES	YES	YES	YES	
	Contact us							
	YES	YES	YES	YES	YES	YES	YES	
	YES	YES	YES	NO	NO	NO	NO	
	YES	YES	YES	YES	YES	YES	YES	
	NO	NO	YES	NO	NO	NO	NO	
	YES	YES	YES	YES	YES	NO	NO	
	NO	NO	YES	YES	YES	YES	NO	
	NO	NO	YES	YES	YES	YES	NO	EPDM Foam range
	NO	NO	YES	YES	YES	YES	NO	
	NO	NO	YES	NO	NO	YES	NO	
	NO	NO	YES	YES	YES	YES	NO	Viton Foam range
	YES	YES	YES (except wasp killers)	NO	NO	NO	YES	
	NO	NO	YES	YES	YES	YES	NO	
	NO	NO	YES	YES	YES	YES	NO	
	NO	NO	NO	YES	YES	YES	NO	EPDM Foam range
	YES	YES	YES	YES	YES	YES	NO	
	NO	NO	NO	NO	NO	NO	NO	Viton Foam range
	YES	YES	NO	NO	NO	NO	NO	
	YES	YES	YES	NO	NO	NO	YES	
	YES	YES	NO	NO	NO	NO	NO	
	NO	NO	YES 6/10e nozzle	YES	YES	YES	NO	Contact us
	NO	NO	YES 6/10e nozzle	NO	NO	NO	NO	Contact us
	NO	NO	NO	NO	NO	NO	NO	Chef range
	NO	NO	NO	NO	NO	NO	NO	Chef range

Advantages

+ 100% food grade (complies with European Regulation 10/2011 and EC Regulation No. 1935/2004)
+ Quick to apply, saves time
+ Economical
+ Portability
+ Spray homogeneity (Good distribution of the product applied)
+ Applicator isolated from target
+ Application versatility

FOOD CONTACT CERTIFICATION AVAILABLE ON DEMAND

Food contact certification

Usage between 3°C and 60°C

Practical, portability

Compatibility table

APPLICATIONS	CHEF 7 SPRAYER	
	Hollow cone nozzle	Flat fan nozzle*
Milk	++	++
Brine	++	++
Syrup	+	++
Melted Butter	+	++
Oil	+	++
Liquid Egg	+	++
Caramel	+	++
Liquid maturing flora	++	++
Liquid dye	++	++
Vinegar	++	++

+ : Good spraying
++ : Perfect spraying

*Flat fan nozzle specialized for viscous product





Pump Sprayer *Chef 7*

- Graduated 5L translucent tank
- Ergonomic two-handed pumping trigger
- 3 Bar security valve
- Adjustable strap for transport
- Professional food-grade hose Tricoflex
- Wide base for better stability
- 40cm Aluminium lance with locking clip
- 2 nozzles included (Hollow and flat fan nozzle)
- Food grade Viton seals

JOINTS VITON SEALS

Made in France



8064
100-003-769

				Product				Palett					
Features	Ref	EAN code	Unit	Unit weight (g)	Dimensions L x P x H (mm)			Weight (kg)	Dimensions L x P x H (mm)			Nb layer	Nb boxes / layer
Chef 7	8064 100-003-769	3414438080645	12	1,7	200	200	520	132.4	1200	800	1690	3	24

Among its different ranges, there is a range of Laser Industrie products compatible for hygiene actions. Indeed, these products are intended for cleaning needs and disinfection operations through the application of chlorinated disinfectants (bleach, disinfectants, antibacterial products, some acids, etc).

The spraying of bleach or disinfectants can be done with the following Industrial Laser Sprayers:

Compatible triggers (Hygiene range):				Compatible small sprayers:	
					
483 403 100-003-565	483 404 100-003-566	483 405 100-003-567	483 406 100-003-568	8059 100-002-137	8065 100-003-770
Compatible pump sprayers:					
					
8053 100-003-762	101 173 100-002-528	101 177 100-002-530	101 178 100-002-531		

SOME INFORMATION ABOUT BLEACH

Bleach is available in liquid form (in bottles and berlingots - conservation 3 years) or in solid form (in tablets - conservation 3 mounth). For this reason, the berlingots must be diluted quickly (with cold water). If these times are exceeded, the product no longer disinfects. Bleach should be stored away from light and heat.

Bleach is marketed in several dilution levels, each with a specific name:

- Bleach extract: product containing 9.6% active chlorine;
- Bleach: product containing 2.6% active chlorine;
- Eau de LaBarraque: diluted bleach.

Today, bleach is sometimes incorporated into detergents to provide «2-in-1» products that clean and disinfect.

The wearing of personal protective equipment (such as overalls, goggles, gloves, masks, etc.) is mandatory when handling Laser Industrie sprayers and aggressive chemicals.



VERSATILE PUMP SPRAY HEADS

- Nozzles with an adjustable and adaptable stream
- Filter-equipped dip tubes
- Sealed models on tank (see compatibility with tanks, p.14)
- Available in different colours
- Different flow rates according to the models (see summary table, p.13)

VELA

- Spray head that is rounded and ergonomic (3 fingers)
- Wide chemical compatibility, possibility of using aggressive products
- Comes with a «foam» nozzle according to the model

The most Versatile



(2) (3) (4) (5) (6) (7)

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (g)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
VELA head White/Red	(2) 481 966 100-004-728	3414434819669	50	3,6	500	580 x 410 x 570	1,8	3	4	1200 x 800 x 1860
VELA head White/Green	(3) 481 967 100-004-729	3414434819676	50	3,6	500	580 x 410 x 570	1,8	3	4	1200 x 800 x 1860
VELA head White/Yellow	(4) 481 970 100-004-731	3414434819706	50	3,6	500	580 x 410 x 570	1,8	3	4	1200 x 800 x 1860
VELA head White/Blue	(5) 481 968 100-004-730	3414434819683	50	3,6	500	580 x 410 x 570	1,8	4	4	1200 x 800 x 2430
VELA headBlue/Blue	(6) 480 098 100-003-543	3414434800988	50	3,4	500	580 x 410 x 570	1,7	3	4	1200 x 800 x 1860
VELA head White/Red FOAM	(7) 482 615 100-004-737	3414434826155	50	3,8	500	580 x 410 x 570	1,9	2	5	1200 x 800 x 1290

MAXI

- Ergonomic spray head with 3-finger position
- Fitted with Viton seals according to model



JOINTS VITON SEALS

(8) 200 460
100-002-987

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (g)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
MAXI head White/White	(8) 200 460 100-002-987	3414432004609	50	4,2	500	580 x 410 x 560	2,1	1	1	1200 x 800 x 710

VERSATILE PUMP SPRAY HEADS

HYGIENE 360°

- Ergonomic spray head with 3-finger position
- 360° system

System 360°





(9)



(10)



(11)



(12)

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (g)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
HYGIENE head White/Blue	(9) 483 403 100-003-565	3414434834037	150	4,4	150	450 x 400 x 270	0,7	1	36	1200 x 800 x 420
HYGIENE head White/Green	(10) 483 404 100-003-566	3414434834044	150	4,4	150	450 x 400 x 270	0,7	1	36	1200 x 800 x 420
HYGIENE head White/Yellow	(11) 483 405 100-003-567	3414434834051	150	4,4	150	450 x 400 x 270	0,7	1	36	1200 x 800 x 420
HYGIENE head White/Red	(12) 483 406 100-003-568	3414434834068	150	4,4	150	450 x 400 x 270	0,7	1	36	1200 x 800 x 420

TYPE OF SEALS, LENGTH OF DIP TUBE AND FLOW
Rates according to the trigger head models

Seal	Nitrile			Viton
	VELA	VELA FOAM	HYGIENE 360°	MAXI
Ref	(2) 481 966 100-004-728 (3) 481 967 100-004-729 (4) 481 970 100-004-731 (5) 481 968 100-004-730 (6) 480 098 100-003-543	(7) 482 615 100-004-737	(9) 483 403 100-003-565 (10) 483 404 100-003-566 (11) 483 405 100-003-567 (12) 483 406 100-003-568	(8) 200 460 100-002-987
Dose	1,2 ml / squeeze		1,2ml / squeeze	2 ml / squeeze
Length dip tube	205 mm	230 mm	260 mm	210 mm

BOTTLES

- Polyethylene bottles
- Graduated translucent body (ml)
- Can take a range of multi-functional heads
- Bottle cap (white) compatible with all LASER sprayers





Code	12 338 100-002-662	411 581 400-003-476	281 972 100-003-188	219 616 400-003-218
Thickness	0,65 mm	1 mm	0,8 mm	0,8 mm
Weight	38 g	54 g	55 g	64 g

			COMPATIBILITY HEADS / BOTTLES			
PRODUCT	colours	Liter Réf.	0,50 L 12 338 100-002-662	0,60 L 411 581 400-003-476	0,75 L 281 972 100-003-188	1 L 219 616 400-003-218
VELA head	● ○	(2) 481 966 100-004-728	X	X	X	
	● ○	(3) 481 967 100-004-729	X	X	X	
	● ○	(4) 481 970 100-004-731	X	X	X	
	● ○	(5) 481 968 100-004-730	X	X	X	
	● ●	(6) 480 098 100-003-543				X
	● ○	(7) 482 615 100-004-737				X
MAXI head	○ ○	(8) 200 460 100-002-987	X	X	X	
HYGIENE 360° head (While stocks last)	● ○	(9) 483 403 100-003-565				X
	● ○	(10) 483 404 100-003-566				X
	● ○	(11) 483 405 100-003-567				X
	● ○	(12) 483 406 100-003-568				X
Cap	○	764 350 100-003-738	X	X	X	X

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (g)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
0,5L bottle	100-002-662	3414430123388	50	38	288	800 x 600 x 540	1,4	4	2	1200 x 800 x 2310
0,6L bottle	400-003-476	3414434115815	50	54	280	800 x 600 x 740	1,9	3	2	1200 x 800 x 2370
0,75L bottle	100-003-188	3414432819722	50	55	160	800 x 600 x 530	1,0	4	2	1200 x 800 x 2270
1L bottle	400-003-218	3414432196168	50	64	131	800 x 600 x 550	0,8	4	2	1200 x 800 x 2350
Cap	100-003-738	3414437643506	50	0,3	300	370 x300 x 200	0,1	1	1	1200 x 800 x 150

F1 VITON

- Translucent polyethylene bottle (0.6 liters)
- MAXI head
- Adjustable nozzle with shut-off
- For the application of hydrocarbon-based solvents, insecticides and paint strippers.
- Viton piston
- Graduated scale



JOINTS VITON SEALS

101 055
100-002-519





TRIGGER 1L LASER

- 1L polyethylene tank
- Translucent tank
- ON/OFF trigger nozzle
- For small spraying and cleaning jobs
- Ideal for indoor and outdoor use



100-100-871

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (g)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
F1 Viton	100-002-519	3414431010557	50	100	50	600 x 410 x 410	5,0	3	4	1200 x 800 x 1380
Trigger 1L LASER	100-100-871	3414435001803	48	75	48	600 x 410 x 410	3,7	3	4	1200 x 800 x 1380

JOINTS VITON SEALS

VITON SEALS RANGE



Made in Great Britain

8056
100-002-136

Laser 2 Viton

pH 4-8

For the application of neutral or weak acidic paint strippers, rodenticides, disinfectants and detarring solvents and products for treating wood and roof timbers.

- Translucent and graduated tank.
- With total capacity 2L (usable capacity 1,5L)
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Trigger lock for a continuous spraying
- Anti-theft nozzle
- Tank with large opening for easy filling and emptying
- Ribbed base for an easy opening and closing
- 3 Bar pressure release valve

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 2 Viton	100-002-136	3414430080568	6	0,6	6	400 x 320 x 295	3,60	6	8	1200 x 800 x 1920





Laser 2 Foam Viton

pH 4-8

The foam increases the contact time to make the product more effective and to show the areas that have been sprayed.

- Translucent and graduated tank.
- With total capacity 2L (usable capacity 1,5L)
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Trigger lock for a continuous spraying
- Anti-theft nozzle
- 110° fan jet nozzle
- Tank with large opening for easy filling and emptying
- Ribbed base for an easy opening and closing
- 3 Bar pressure release valve



8066
100-003-771

Made in Great Britain

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 2 Foam Viton	100-003-771	3414430080667	6	0,6	6	410 x 320 x 300	3,60	6	6	1200 x 800 x 1920





8034
100-003-750

Exel 7 Viton Construction



For the application of solvent-based oils for construction and building industry.

- Total capacity: 7L. Usable capacity: 5L
- Lance handle with built-in filter
- Polyethylene translucent graduated tank
- Pump and lance handle with Viton seals
- 40cm composite lance
- 1 fan jet nozzle
- 3 Bar pressure release valve
- Large pump handle and lance holder

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Exel 7 Construction	100-003-750	3414430080346	12	14,6	12	250x 200 x 510	1,15	3	2	800 x 1200 x 1020

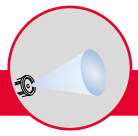




8057
100-003-765

8058
100-003-766

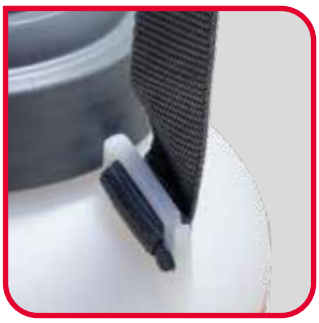
Exel 7 Viton / Exel 10 Viton



Application of solvent-based products

- Usable capacity (Exel 7 / Exel 10): 5L / 8L
- NO-locking lance handle, according to European standard, with built-in filter, equipped with Viton seals
- Polyethylene translucent graduated tank
- Pump fitted with Viton seals
- 30cm aluminium lance
- Adjustable jet nozzle from straight jet to mist jet
- 3 Bar pressure release valve
- Adjustable straps
- Large pumping handle for a better grip and allowing the lancing of the lance
- Large top hole for easy filling and emptying
- Total emptying (no liquid traps)









					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Exel 7 Viton	100-003-765	3414430080575	12	15,2	12	800 x 600 x 530	1,26	3	2	800 x 1200 x 1590
Exel 10 Viton	100-003-766	3414430080582	8	13	8	800 x 410 x 720	1,56	3	2	800 x 1200 x 2160

JOINTS VITON SEALS

PREMIUM VITON SEALS RANGE

Made in France

Laser 7 Viton / Laser 12 Viton

pH 0-10

For the application of retarders and dilute acids.
Compatibility table supplied with the sprayer.

- Usable capacity (Laser 7 / Laser 12): 5L / 8L
- Special acid-resistant polypropylene lance handle with Viton seal
- Nozzle holder and adjustable 1.5/1.0 nozzle with Viton seal
- Equiped with a flat fan nozzle
- 40 cm composite lance
- Pump and 3 Bar pressure release valve with Viton seal
- Polyethylene translucent graduated tank
- Armed, flexible and translucent hose
- Large straps with easy fixing
- Wide opening for easy filling and complete emptying (no liquid traps)
- Handle: for holding the tank while pumping, emptying and filling



8038
100-003-752

8040
100-003-753











				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 7 Viton	100-003-752	3414430080384	1	1	200 x 200 x 520	1,8	3	24	1200 x 800 x 1740
Laser 12 Viton	100-003-753	3414430080407	1	1	200 x 200 x 690	2,4	2	24	1200 x 800 x 1550



Expert 8 Viton / Expert 14 Viton



For the application of concrete form oils, impermeable façade coatings, chemicals for treating wood and roof timbers, solvent strippers, rodenticides, insecticides, detarring solvents, neutral based moss prevention products.

- Usable capacity (Expert 8 / Expert 14): 6L / 8L
- 40 cm brass lance tube
- Polypropylene handle with Viton seal
- Adjustable polypropylene nozzle holder with Viton seal with red acetal nozzle
- 3 Bar brass pressure release valve with Viton seal
- Polyethylene translucent graduated tank
- High-resistance hose
- Adjustable and large straps
- Integral off-centre pump (no need to remove it for filling and emptying)
- Ergonomically designed pumping grip
- Wide top opening for easy filling and emptying
- Total emptying (no liquid traps)
- Carry handle for holding the sprayer during use
- Liquid measuring cups built into the lid
- Lance clip



101 180
100-002-532

101 181
100-002-533






Features	Ref	EAN Code	Unit	Product			Palett		
				Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Expert 8 Viton	100-002-532	3414431011806	1	1	250 x 200 x 500	2,2	4	19	1200 x 800 x 2150
Expert 14 Viton	100-002-533	3414431011813	1	1	250 x 200 x 690	2,9	3	19	1200 x 800 x 2250

Expert vacuum - Liquid suction

For sucking up liquids: clean water, dirty water, oil, hydrocarbon-based solvents, etc

- Usable capacity: 6L
- 1 m transparent polyethylene tube
- 1.5 m high performance hose
- 1/4 turn valve with 3/8» BSP connector
- Depressiometer - 0.7 Bar max



102 129
100-002-597



Features	Ref	EAN Code	Unit	Product			Palett		
				Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Expert Vacuum	100-002-597	3414431021294	1	1	240 x 200 x 510	2,1	4	19	1200 x 800 x 1950

JOINTS EPDM SEALS

EPDM SEALS RANGE



Made in Great Britain



8059
100-002-137

Laser 2 EPDM

pH 6-10

For the application of neutral and alkaline cleaners, disinfectants, car shampoos, fungicides and animal repellents.

- Translucent and graduated tank.
- With total capacity 2L (usable capacity 1,5L)
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Trigger lock for a continuous spraying
- Anti-theft nozzle
- Tank with large opening for easy filling and emptying
- Ribbed base for an easy opening and closing
- 3 Bar pressure release valve

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 2 EPDM	100-002-137	3414430080599	6	1,5	6	400 x 320 x 295	9	6	8	1200 x 800 x 1920

Made in Great Britain



8065
100-003-770

Laser 2 Foam EPDM

pH 6-10

For neutral and alkaline cleaners and disinfectants. The foam increases the contact time to make the product more effective and to show the areas that have been sprayed.

- Translucide and graduated tank. Total capacity: 2L.
- With total capacity 2L (usable capacity 1,5L)
- Ergonomic knob for an easy pressurizing
- Pump with metal rod
- Bloquable handle for a continuous spraying
- Anti-theft nozzle
- 110° fan jet nozzle
- Tank with large opening for easy filling and emptying
- Ribs at the bottom for an easy opening and closing
- 3 Bar pressure release valve

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 2 Foam EPDM	100-003-770	3414430080650	6	0,6	6	410 x 320 x 300	3,6	6	6	1200 x 800 x 1920

Made in France



8053
100-003-762

Laser 12 Foam EPDM

pH 6-10

For applying alkaline foam and detergent products, etc..
The foam increases the contact time to make the product more effective and to show the areas that have been sprayed. The fan jet nozzle is used to spray larger areas.

- Usable capacity: 8L
- Heavy duty lance handle
- Polypropylene lance
- Stainless steel fan jet nozzle with EPDM seal
- Pump and 3 Bar pressure release valve with EPDM seal

				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 12 Foam EPDM	100-003-762	3414431080536	1	1	200 x 200 x 690	2,5	2	24	1200 x 800 x 1550

Made in France



101 173
100-002-528

Expert 8 EPDM

pH 6-10

For the application of cleaning products, car shampoos, disinfectants, alkalis, fungicides, weed killers, animal repellent

- Usable capacity: 6L
- Polypropylene lance handle with EPDM seals
- 40 cm brass lance tube and brass pump rod
- Adjustable polypropylene nozzle holder with EPDM seals and ceramic aluminium for an ultra hard-wearing fan jet nozzle
- Supplied with additional nozzles:
  - Orange fan jet nozzle
  - Stainless steel cone jet 1.2 mm
- 3 Bar pressure release valve with EPDM seal

				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Expert 8 EPDM	100-002-528	3414431011738	1	1	240 x 200 x 510	2,2	4	19	1200 x 800 x 2080

Made in France



101 177
100-002-530



101 178
100-002-531

Expert 8 EPDM & Expert 14 EPDM Steel lance

pH 6-14

For the application of bleach, paint strippers, disinfectants, etc..

- Usable capacity (Expert 8 / Expert 14): 6L / 8L
- Polypropylene lance handle with EPDM seals
- 60 cm stainless steel lance tube and stainless steel pump rod
- Adjustable polypropylene nozzle holder with EPDM seals and NOZAL blue sintered alumina, fan jet nozzle
- Supplied with additional nozzle: stainless steel cone jet and 10/10^{e} nozzle
- 3 Bar pressure release valve with EPDM seal
- PVC reinforced hose (Hytrel interior)

				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Expert 8 EPDM steel lance	100-002-530	3414431011776	1	1	250 x 200 x 590	2,42	3	19	1200 x 800 x 1770
Expert 14 EPDM steel lance	100-002-531	3414431011783	1	1	250 x 200 x 690	2,91	3	19	1200 x 800 x 2070

JOINTS NITRILE SEALS

NITRILE SEALS RANGE



Made in France

7007
100-003-612

Exel 7 Nitrile

pH 6-8

For all neutral solutions

- Usable capacity: 5L
- NO-locking lance handle, according to European standard, with built-in filter
- Polyethylene translucent graduated tank
- 30 cm polypropylene lance
- Adjustable jet nozzle from straight jet to mist jet
- 3 Bar pressure release valve
- Adjustable straps
- Large pumping handle for a better grip and allowing the lancing of the lance
- Pump with nitrile «CUP» seal
- Large top hole for easy filling and emptying
- Total emptying (no liquid traps)
- Product sold in a neutral cardboard box

					Product			Palett		
Features	Ref	EAN Code	Unit	Unit weight (kg)	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Exel 7 Nitrile	100-003-612	3283120070079	1	1,4	1	200 x 200 x 510	1,4	2	24	800 x 1200 x 1020

New



ELECTRIC PUMP VITON

The essential accessory for effortless spraying: the LASER INDUSTRIE electric pump

In just a few seconds, transform your LASER hand sprayer into an electric sprayer, without changing your equipment: compatible with EXEL VITON and LASER 7/12 VITON sprayers

- Effortless spraying: no more manual pumping – work for longer in maximum comfort
- Quick installation: fits easily onto compatible models
- Adjustable pressure: several pressure settings to suit every type of application: 1 Bar or 1.7 Bar
- Up to 25 litres of capacity (5 x 5 litres)
- Charging via USB-C
- Equipped with Viton seals to resist acidic substances

				Cardboad			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Pompe Electrique Viton	100-102-178	3414435002718	2	1	145x180x110	0,670	-	-	-

New



Made in France

Also available in accessory



LASER 7 ELECTRIC VITON

pH 0-10

Application of rust inhibitors and diluted acids. Ideal for the marine industry (boat fittings)

- Useful capacity: 5L
- Batterie Li-ion
- Up to 25 litres of capacity (5 x 5 litres)
- Adjustable pressure: 1 Bar or 1.7 Bar
- Charging via USB-C
- Professional spray gun handle with a two-finger trigger, specially designed for acid use, made from polypropylene with VITON seals
- 15/10e adjustable nozzle and 110° flat spray nozzle (orange)
- Translucent white polypropylene tank with a graduated gauge
- 40 cm composite lance
- Handle: for holding the tank whilst pumping, draining and filling







				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Laser 7 Viton Electric	100-102-180	3414435002725	1	1	210x210x530	14,5	3	24	1200 x 800 x 1760

New

Made in France



EXPERT 7 ELECTRIC VITON

pH 4-8

Application of solvent-based oils, formwork releasewater-repellent treatments for façades, wood treatment, ...

- Useful capacity: 5L
- 8V Li-ion battery
- Up to 50 litres of capacity (10 x 5 litres)
- Adjustable pressure: 1 Bar or 3 Bar
- Charges via USB-C, with 3 LEDs to indicate the charge level
- Professional spray gun handle with a two-finger trigger, made from polypropylene with VITON seals
- 12/10e adjustable nozzle and flat spray nozzle
- 50 cm composite lance
- Reinforced and flexible hose
- Wide 12cm opening for easy filling and emptying
- Built-in storage for the two nozzles supplied
- Large carrying handle
- Built-in tank filter
- 2-in-1 carrying system: double straps for carrying on your back, or a single strap for carrying over your shoulder, depending on your preference







				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
Expert 7 Viton Electric	100-102-281	3414435002763	2	1	300x360x320	3,40	8	5	1200 x 800 x 1750

BERTHOUD Vermorel 3000 Electric

Made in France



JOINTS VITON SEALS

SAFETY HARNESS
Protect your back
Clinically tested





Charge indicator



Pressure selector

On/off switch



Available in trolley version with 5m hose and large diameter wheels for a transportation ease

102 141
100-002-601

102 140
100-002-600

LITHIUM-ION TECHNOLOGY
BATTERY
BATTERIE

Insecticides/fungicides, treatment of frameworks, cleaning products, disinfectants, water-repellents,formwork oils, weed killing

- Electric back sprayer, capacity 18L, provided with a 12-Volt **Lithium-Ion** battery
- Battery life from 3.5 to 6.5 hours depending on the pressure selected, charging in 2,5 hours, no deep discharge, 4 position charge indicator
- Equipped with a safety strap for optimum comfort, specially suited for intensive use
- Composite telescopic lance 0.50 m to 1 m and fibreglass lance 0.60m
- Electronic adjustment of the pressure: 3 positions (1, 1.5 and 3 Bar)
- Comes with a full set of nozzles:
  - nozzle with adjustable 15/10e turbulence
  - blue fan jet nozzle
  - brown mirror jet nozzle
- Provided with Viton seals, for excellent chemical and mechanical resistance over time
- Exists in trolley version, device mounted on wide wheels and 5m hose (Ref. 100-002-601)

				Product			Palett		
Features	Ref	EAN Code	Unit	Nb units	Dimensions L x P x H (mm)	Weight (kg)	Nb layer	Nb boxes / layer	Dimensions L x P x H (mm)
V3000 Electric BERTHOUD (UK 3 pin plug)	100-002-600	3176241021405	1	1	390 x 285 x 615	6,9	3	8	1200 x 800 x 1995
V3000 Electric chariot BERTHOUD (UE 2 pin plug)	100-002-601	3176241021412	1	1	390 x 285 x 615	10	3	8	1200 x 800 x 1995

BERTHOUD Seringa 10m

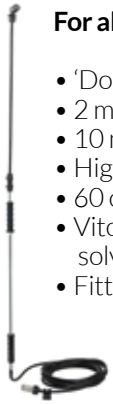
Made in France

JOINTS VITON SEALS

pH 4-8



For all applications involving neutral-base chemicals.



- 'Double-action' syringe sprayer that works in both directions
- 2 multi-purpose nozzles (turbulent spray and flat 'blue brush' spray)
- 10 m of hose
- High operating pressure (from 8 to 10 Bar, depending on the pumping rate)
- 60 cm lance extension for better access to the areas to be treated
- Viton seal for improved resistance to hydrocarbon-based and solvent-based products
- Fitted with a clamp to secure the hose and a filter to filter liquids

101 025
100-002-514

BERTHOUD Cosmos 18 Pro Export

Made in France

JOINTS VITON SEALS

pH 4-8



- Large-diameter filling port (125 mm)
- Adjustable, foam-padded shoulder straps
- Translucent polypropylene tank, 18-litre capacity, with a sloping base
- 6 Bar manual pressurisation pump
- Reversible right/left pump lever
- Hard-wearing hose
- PROFILE-type open/close control handle with integrated filter
- 60 cm fibreglass spear
- Supplied with an adjustable turbulence nozzle with a mist-spray insert
- Fitted with a 1 Bar pressure regulator
- Supplied with a maintenance kit

102 216
100-002-606

BERTHOUD Vermorel 2000 Pro Confort

Made in France

JOINTS VITON SEALS

pH 4-8



For large gardens, orchards, market gardeners, greenhouse growers, etc.
For intensive use (pesticide applications, weed control).

- Tank: 16-litre capacity with visible liquid level
- Back frame that moulds perfectly to the shape of the back and features the ultra-comfortable Portage Santé system
- Reversible left/right pump lever, adjustable to any position (in width and height – in 10° increments)
- 'High-performance' diaphragm and curvilinear piston pump (smooth operation and low pumping rate)
- Adjustable pressure limiter from 1 to 5 Bar
- Ergonomic 'PROFILE' type spray gun handle, for greater user comfort
- Telescopic composite spray lance with high mechanical and chemical resistance, extending from 60 to 100 cm
- Fitted with a 15/10e turbulence nozzle, 1 blue 'brush' flat-spray nozzle and 1 blue 'mirror' flat-spray nozzle

102 022
100-002-588

					Product			Palett		
Features	Ref	EAN Code	Unit	Weight (kg)	Nb unit	Dimensions L x P x H (mm)	Weight (kg)	Nb layers	Nb boxes / layer	Dimensions L x P x H (mm)
Cosmos 18 Pro Export	100-002-606	3176241022167	1	3,70	1	400 x 170 x 505	3,70	4	14	1200 x 800 x 2170
Vermorel 2000 Pro Confort	100-002-588	3176241020224	1	5,97	1	390 x 285 x 615	6,54	3	8	1200 x 800 x 1995
Seringa	100-002-514	3176241010256	1	1,23	1	165 x 60 x 610	1,23	9	16	1200 x 800 x 1950

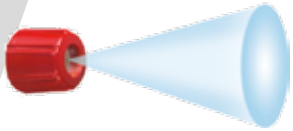
NOZZLES

Hollow cone and universal nozzles

Nozzles available as spare parts

Adjustable nozzles with stainless steel tips

A range of 7 stainless steel tips with different diameters to provide users with a range of flow rates. Each nozzle produces an adjustable cone jet so that the jet can be adjusted to the area to be sprayed and the distance from the target.





Tip diameter		Flow rate (literss /minute) 8/10e	10/10e	12/10e	15/10e	18/10e	20/10e	25/10e
Colour of tip holder nut		●	●	●	●	●	●	○
Pressure	1 Bar	0,185	0,235	0,275	0,395	0,470	0,515	0,680
	2 Bar	0,245	0,300	0,385	0,535	0,660	0,780	0,980
	3 Bar	0,300	0,360	0,470	0,660	0,795	0,870	0,155
	4 Bar	0,340	0,425	0,545	0,750	0,905	1,000	1,435
Nitrile tip code		282 369 200-001-400	282 370 200-001-401	282 371 200-001-402	282 372 100-003-208	282 373 200-001-403	282 374 100-003-209	282 375 200-001-404
Viton tip code		282 759 100-003-248		282 807 100-003-270	282 723 100-001-427	282 724 100-003-239		282 786 100-003-259
Viton nozzle code				282 434 200-001-409	282 532 200-001-428			
EPDM nozzle code				212 435 200-001-352				

Adjustable nozzle with Saphirex tip

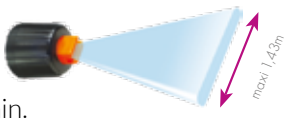
Micronisor nozzles made of sintered alumina, an exceptionally hard material (nearly as hard as diamond) for long-term stability of the nozzle flow rate, distribution and droplet size.

	Pressure	Droplet size (microns)
Saphirex 6/10 tip	2 Bar	80/90
	3 Bar	60/65
Diffuser 10/10	2 Bar	130/135
	3 Bar	115/120
Diffuser 15/10	2 Bar	170/180
	3 Bar	140/160

Diameter		Flow rate (literss /minute) 6/10e	10/10e	15/10e
Pressure	2 Bar	0,140	0,225	0,560
	3 Bar	0,160	0,270	0,670
	4 Bar	0,180	0,310	0,760
	5 Bar	0,200	0,350	0,840
	6 Bar	0,220	0,385	0,900
Nozzle code		251 586 200-001-367		282 715 200-001-465

Fan jet nozzles

Fan jet nozzles for medium width spray



These nozzles are made from a variety of materials: polypropylene, high performance plastic or sintered alumina in different colours and with different angles to show their particular flow rates in l/min.

Material of nozzle		Flow rate (liters / minute) Acetal					Brass	Sintered alumina		Polypropylene
Jet angle		80°	80°	110°	80°	80°	110°	110°	110°	110°
Colour of nozzle		●	●	●	●	●	●	●	●	●
Pressure	1 Bar	0,560	0,840	1,120	0,400	0,360		0,700	0,910	1,030
	1,5 Bar						1,200	0,880	1,100	1,150
	2 Bar	0,650	0,970	1,290	0,560	0,500	1,360	0.970	1,290	1,430
	2,5 Bar	0,720	1,080	1,440	0,620	0,560	1,515	1,080	1,440	1,590
	3 Bar	0,790	1,180	1,580	0,680	0,600	1,645	1,180	1,580	1,750
Nitrile tip code		282 461 200-001-415	282 458 200-000-000	282 462 200-001-416	282 488 100-003-215	282 489 100-003-216				
Viton tip code		282 682 200-001-453	282 533 200-001-429	282 476 100-003-211	282 731 100-003-244	283 340 100-003-320		282 631 100-003-232	282 845 100-003-272	282 635 200-001-444
EPDM tip code										282 636 200-001-445
Viton nozzle code			282 474 200-001-420	282 686 200-001-455			283 106 200-001-541			
EPDM nozzle code								282 708 200-001-462		
Width sprayed at 0,5 m		84 cm	84 cm	143 cm	84 cm	84 cm		143 cm	143 cm	143 cm
Width sprayed at 1 m		168 cm	168 cm	286 cm	168 cm	168 cm		286 cm	286 cm	286 cm

NOZZLES

Deflector nozzle

With mirror stream for large-width application

Nozzles made of different materials: polypropylene, high performance plastic, sintered alumina with different colours and angles to symbolise their specific flow rates in l/min.

		Pressure			
Material of nozzle		High performance plastic			
Jet angle		105°	110°	110°	135°
Colour of nozzle		●	●	●	●
Pressure	1 Bar	0,460	1,150	1,390	2,310
	1,5 Bar	0,570	1,410	1,700	2,830
	2 Bar	0,650	1,630	1,960	3,270
	2,5 Bar	0,730	1,830	2,190	3,650
Nitrile tip code		282 460 200-001-414	282 457 200-001-412	282 490 100-003-217	282 491 100-003-218
Viton tip code			282 683 200-001-454	282 849 100-003-276	282 850 200-001-479
Nitrile nozzle code			282 366 200-001-397		
Width sprayed at 0.5 m		130 cm	143 cm	143 cm	241 cm
Width sprayed at 1 m		260 cm	286 cm	286 cm	482 cm



TRIGGERS

Profile trigger (Viton / Viton for acids / EPDM)

+ Comfortable to use (the angle between wrist and lance gives a natural wrist position)
+ Reliable (the spray is controlled by a needle valve at right angles to the flow of liquid)
+ Very easy to maintain (the spring and piston are easy to dismantle)



282 136*
100-003-191

282 874*
100-003-282

282 873*
100-003-281

Shell handle

+ Comfortable to use
+ Very easy to maintain
+ Integrated filter



282 867*
100-001-431

Without shell handle (Nitrile)



282 887*
200-000-003

Brass trigger

+ Brass handle with Viton seals for hydrocarbon based solvents.
+ Used with special brass lance tube. ref. 400-003-399*



282 733*
100-003-245

*Spare parts references available under the commercial conditions of spare parts

PRESSURE REGULATOR

No-drip 1 Bar pressure regulator BERTHOUD

- 1 Bar constant pressure (preventing underspraying and overspraying)
- Can save up to 50% on chemicals
- Used with pre-pressurised sprayers, will extend acreage covered
- Used with pressure sprayers, will reduce the number of pump strokes required
- Can be used with all commercially available professional nozzle tips



283 983
100-003-404



TUBES DE LANCE

Telescopic lance tube BERTHOUD

JOINTS VITON SEALS

- 0.5/1 m lance tube
- Adjustable nozzle
- Viton seals



280 362
100-003-173

Brass lance tube

- 0,4 m lance tube
- Viton seals
- Compatible with Brass handle ref. 100-003-245*



382 283
400-003-399*

FULL LANCES

Up to 3,6m

- To suit profile trigger
- Tube, nozzle holder and nozzle included



	Ref	Tube	Handle	Compatibility	Lenght
Telescopic full lances	100-003-183	composite	Profile Viton	Laser 7/12 Expert 8/14Viton	1,3m - 2,4m
	100-003-231				1,3m - 3,6m

*Spare parts references available under the commercial conditions of spare parts

LANCE EXTENSIONS

Composite lance extension

- Lenght: 0,6 m



282 433
200-001-408*

Brass lance extension

- Lenght: 0,6 m



211 250
100-003-000*

WEED KILLING

4-nozzle boom

+ Converts the single jet sprayer into a multi-jet sprayer
+ Essential for spraying large areas rapidly.Recommended for use with constant pressure backpack sprayers.



215 071
100-003-014

Spray shield

+ Essential for localised weed killing or spraying easily and safely (fan jet nozzle)



455 004
100-003-535



*Spare parts references avaible under the commerical conditions of spare parts

MAINTENANCE

Grease syringue BERTHOUD

- Indispensable for maintening the seals in your sprayer
- Easy to use
- Prolong the life of your sprayer by using the correct grease



219 374
100-003-021



MAINTENANCE KITS

+ All sprayer wear parts are available in repair kits



Sprayer	Reference
Laser 2	284 282* / 100-001-463
Laser 2 EPDM	284 283* / 100-001-464
Laser 7/12	283 144* / 100-003-304
Expert 8/14 Viton	282 572* / 100-003-226
Expert 8 /14 EPDM	282 571* / 100-003-225
Exel range	282 869* / 100-001-432

Sprayer	Reference
Cosmos 18 Pro Export	283 475* / 100-003-340
Seringa 10m	283 117* / 200-000-008

***Spare parts references avaible under the commercial conditions of spare parts**

NOTES

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