



# **UP** Union plastic

GLOBAL EXPERT  
FOR HEALTHCARE INDUSTRIES



**ANIMAL HEALTH**



**Union plastic**  
HEALTH ONLY

40

52

**Union plastic**

POINT QUALITE





An international expert recognized from design to the manufacturing of innovative healthcare industry-specific plastic solutions

Union Plastic, certified NF EN ISO 13485 and NF EN ISO 15378, designs and manufactures innovative plastic solutions for human and animal health.

With over 60 years' expertise in the **Pharmaceutical, Veterinary, Medical and Diagnostic** markets, the company draws on its technical know-how in plastic injection molding, and boasts state-of-the-art equipment to meet the needs of markets with demanding applications.

- 4 production sites operating 24/7
- 20,000 m<sup>2</sup> of covered space, including 1,000 m<sup>2</sup> OF CLEAN ROOMS
- 2 billion plastic parts produced each year
- More than 400 injection molds



An extensive range of certified high-quality products:

**DOS'UP**<sup>®</sup> Dosing systems for liquids or powders

**APPLISIL**<sup>®</sup> Local application systems

**SPRAYLINE**<sup>®</sup> Respiratory devices

**UP'PHARM**<sup>®</sup> Primary and secondary pharmaceutical packaging

**MEDIC'UP**<sup>®</sup> Devices for drug transfer, injection and reconstitution

**VETIRAL**<sup>®</sup> & **VETILINE**<sup>®</sup> Veterinary drug administration syringes

**VETIMAX**<sup>®</sup> Complex devices for vaccination and insemination

**VETOCIDE**<sup>®</sup> Device for anti-parasitic treatment

Union Plastic is a subsidiary of the international OMERIN Group and benefits from the dynamism of its 1,700 employees



## Eco-Responsible Health Plastics



Renewal of the injection molding machines with latest-generation electric presses: power consumption reduced by 30% and noise by 80%

99% of waste recycled



Preserving health and protecting the environment

### Benefits of Bioplastic solutions

- Limit the use of fossil fuels
- Reduce the impact of waste disposal at the end of a product's life
  - Technical properties comparable to traditional materials
  - Materials certified suitable for food contact

### Our CSR commitments

- 20% self-consumption of electricity thanks to the 3,700 m<sup>2</sup> of photovoltaic panels installed on our plants
- Supporting our customers in an **Eco-design approach**
- **Reducing and recovering our waste and scrap**
  - Sustainable investments in our production facilities
  - Developments incorporating product recycling. Our DOS'UP+® and APPLISIL+® devices are made from 100% Polyolefins for improved recyclability.

### Union Plastic's Bioplastic offering

As a plastics manufacturer that is a pioneer in the use of renewable energy, Union Plastic supports its customers in sustainable development by working on **eco-design, waste reduction, lower energy consumption** and the use of new **more sustainable materials**.

We offer our partners a range of bioplastics:

#### • **Organically sourced products**



Based on natural fibres such as maize starch, Polylactic acid and PBS

#### • **Biodegradable**

Under industrial conditions in a recycling centre

For each application, our design office validates the specifications and conditions of use.

Your partner  
to bring your new projects to life

### **Innovation**

*More than 30 concepts proposed each year.  
Our design team works in partnership with your R&D and Marketing  
departments to jointly develop the concepts of your future products.*

We integrate  
all forms of expertise  
in a qualified system,  
from initial analysis of your  
requirements to validation of pilot runs:

- Needs and risk analysis
- CAD, Computer-generated image
- Rheological studies
  - Mock-ups
- Internally created prototype molds
- Material source selection
- Validation of pilot runs



- Co-development  
of your products and consumables
- Qualification of  
manufacturing processes
- Integration of  
existing tools

### **Development**

*Union Plastic possesses a dedicated development team comprised of  
project managers, developers and metrologists.*



## Industrial excellence

### **The manufacturing of Union Plastic products is secured by four Back-Up production sites: Three in France and one in Tunisia.**

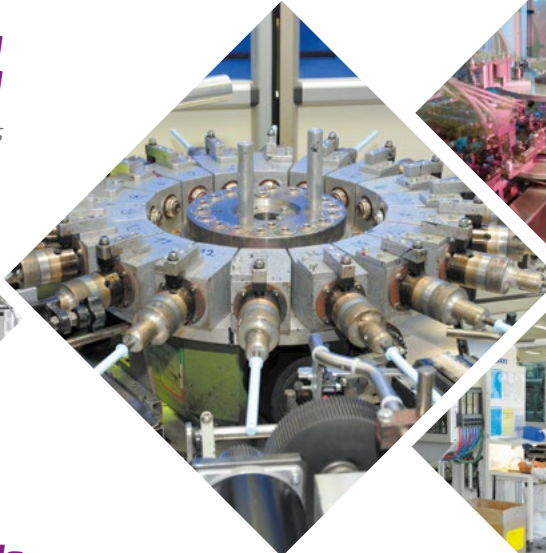
Our cutting-edge clean room production lines (ISO9 - ISO8 - ISO7 areas) cover an area of 20,000 m<sup>2</sup> to meet all your needs in terms of reactivity, flexibility and results.

### **Optimised automated or manual assembly**

*More than 25 automated lines with robots.  
Creation of complex products containing up to 12 parts*

### **Plastic injection molding and injection-blowing**

*More than 100 injection presses*



### **FULL SERVICE\***

- LASER & OFFSET printing
- Customised labelling or packaging
- In-house EtO sterilisation

*\*More information on p.59 of the catalogue*

### **Manufacture of prototype molds and integrated maintenance**

*Strategic file confidentiality*



### **Optimising performance and tool guarantees**



## Quality, the backbone of our organisation

### Uncompromising quality

our quality system conforms to GMP\* and has, for several decades, ensured that our productions are compliant, providing you with guarantees of safety and hygiene.

ISO 17141 and ISO 14644-1 for contamination and environmental control

\* Good Manufacturing Practice

### Control

- 3 metrology laboratories
- 300 managed control appliances



### US DRUG MASTER FILE (DMF) No. 36044

Medical devices concerned:

- **DOS'UP**® measuring cups
- **DOS'UP**® dosing syringes
  - **DOS'UP**® Spoons
- **DOS'UP**® and **DOS'UP+**® pipettes
  - **APPLISIL**® applicators



NF EN ISO 15378:2018



NF EN ISO 13485:2016



0459



n°3002477874

### Regulatory expertise

- Management of medical device registration, CE marking, and UDI traceability (MDR compliance)
- Delegation of controls

## All Union Plastic solutions

### Animal Health



**DOS'UP®** Dosing systems for liquids or powders

**APPLISIL®** Local application systems

**VETIRAL®** Oral paste syringes

**VETILINE®** Intramammary syringes

**VETOCIDE®** Insecticide and anti-parasitic solutions

**VETIMAX®** Complex devices for vaccination and insemination

**MEDIC'UP®** Devices for drug transfer, injection and reconstitution

### Human Health



**DOS'UP®** Dosing systems for liquids or powders

**APPLISIL®** Local application systems

**SPRAYLINE®** Respiratory devices

**UP'PHARM®** Primary and secondary pharmaceutical packaging

**MEDIC'UP®** Devices for drug transfer, injection and reconstitution



## ANIMAL HEALTH

### Dosing systems for liquids, powders or granules

#### **DOS'UP®**

##### **Oral route**

- **DOS'UP® 5PA, 5AA, 5CA** 1-hole pipette
- **DOS'UP® 5AA, 5CA** adapters
- **DOS'UP® 3AA, 3VA, 3CA** measuring cups
- **DOS'UP® 2CA, 2LA, 2NA** measuring spoons
- **DOS'UP® 4GA** beakers

### Local application systems

#### **APPLISIL®**

##### **Cutaneous or otic route**

- **APPLISIL® TU3A** single-dose tube
- **APPLISIL® AV1A** ear cannula

### Administration syringes for veterinary drugs

#### **VETIRAL® & VETILINE®**

##### **Oral or intramammary route**

- **VETIRAL® P01A** oral paste syringe
- **VETILINE® IM1A** intramammary syringe

## Contents

### Anti-parasite treatment devices

#### **VETOCIDE®**

##### **Local routes**

- **VETOCIDE® IM2A** anti-parasitic and insecticide syringe Page 30
- **VETOCIDE® IM3A** anti-parasitic loop Page 31

### Complex devices for vaccination and insemination

#### **VETIMAX®**

##### **Local routes**

- **VETIMAX®** complex devices Page 34

### Devices for drug transfer, injection and reconstitution

#### **MEDIC'UP®**

##### **Parenteral route**

- **MEDIC'UP® VA1A** vial adapter Page 38

### Services

- Packaging Page 42
- Printing Page 42
- Full service Page 43

Page 14

Page 15

Page 16

Page 17

Page 18

Page 22

Page 23

Page 26

Page 27

**DOS'UP<sup>®</sup>**



# DOSING SYSTEMS FOR LIQUIDS, POWDERS OR GRANULES

## ORAL ROUTE

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- **DOS'UP®** 5PA, 5AA, 5CA 1-HOLE PIPETTE PAGE 14
- **DOS'UP®** 5AA, 5CA ADAPTERS PAGE 15
- **DOS'UP®** 3AA, 3VA, 3CA MEASURING CUPS PAGE 16
- **DOS'UP®** 2LA, 2CA, 2NA MEASURING SPOONS PAGE 17
- **DOS'UP®** 4GA BEAKERS PAGE 18





# Our solutions

## DOS'UP® DOSING SYSTEMS FOR LIQUIDS OR POWDERS

Product	Type	Benefits	Volume	Graduation	Length	Accessories	More info See Page
 <b>DOS'UP® 5AA</b> 1-hole pipette	Rounded tip, 1 hole	Atraumatic	2.5 to 5 ml	Per 0.5 ml	100 mm	Adapter	14
 <b>DOS'UP® 5PA</b> 1-hole pipette	Flat tip, 1 hole	-	8 ml	Per 0.5 ml	128 mm	-	14
 <b>DOS'UP® 5CA</b> 1-hole pipette	Connect tip, 1 hole	Easy adapter connection	8 ml	Per 0.5 ml	128 mm	Adapter	14
 <b>DOS'UP® 3AA</b> measuring cup	For aluminium stopper	Wide dosing range	15 and 20 ml	Per 2.5 ml	See TDS	-	19
 <b>DOS'UP® 3VA</b> measuring cup	For Vistop stopper	Wide dosing range	10 and 15 ml	See TDS	See TDS	-	16
 <b>DOS'UP® 3CA</b> measuring cup	For Childproof stopper	Wide dosing range	15 and 20 ml	See TDS	See TDS	-	16
 <b>DOS'UP® 2CA</b> measuring spoon	Short handle	Wide dosing range	3.2 to 30 ml	See TDS	See TDS	-	17
 <b>DOS'UP® 2LA</b> measuring spoon	Mid-length handle	Powder dosing	10 to 50 ml	See TDS	See TDS	-	17
 <b>DOS'UP® 2NA</b> measuring spoon	Long handle	Powder dosing	10 to 30 ml	See TDS	See TDS	-	17
 <b>DOS'UP® 4GA</b> beaker	With or without graduations	Large dosing volume	45.8 to 150 ml	See TDS	See TDS	-	18

# DOS'UP<sup>®</sup> 5PA, 5AA, 5CA

14

## 1-HOLE PIPETTE

### ORAL ROUTE



PIPETTE, 5PA FLAT TIP



PIPETTE WITH ROUNDED TIP  
ATRAUMATIC 5AA



PIPETTE WITH CONNECT TIP  
5CA QUICK CONNECT

#### OPTIONS

- Specific colour as per Pantone
- Customised printing (logo, graduation, colour)
- Packaging: bulk, flow pack

The DOS'UP<sup>®</sup> 1-hole pipette is used for dosing orally administered solutions. Available with flat, rounded or connect tips.

#### CHARACTERISTICS of pipette

Barrel	PE (food grade)
Plunger	PS
Tip Type	> Flat (5PA) > Rounded (Atraumatic -5AA) > Connect (Connection with Easy Tip -5CA)
Number of holes	1
Colour (standard)	White plunger
Marking	CE

#### AVAILABLE ACCESSORIES

Adapter	PE
Use	For PP28 bottleneck, glass and plastic For 1-hole pipette with rounded tip For 1-hole pipette with Connect tip
Benefit(s)	Improved hygiene and optimised dosage

#### STANDARD REFERENCE(S)

DOS'UP <sup>®</sup> PIPETTE						ADAPTER		
Item code	Tip type	Reference	Volume (ml)	Graduations (ml)	Length (mm)	Code	Item diameter	Bottle bottleneck
1DPD1344	Rounded	5AA	2.5	0.5 > 2.5	100	1DAD0202 or 1DAD0203	PP28	Glass or Plastic
1DPD1345	Rounded	5AA	5	0.5 > 5	100	1DAD0202 or 1DAD0203	PP28	Glass or Plastic
1DPD1348	Flat	5PA	8	0.5 > 8	128	-	-	-
20034500*	Connect	5CA	8	0.5 > 8	128	20034500*	PP28	Glass or Plastic

\*Product in development (for more information, please contact us)

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**DOS'UP<sup>®</sup>** 5AA, 5CA

ADAPTERS

15

**ORAL ROUTE**

DOS'UP<sup>®</sup> adapters are used with DOS'UP<sup>®</sup> pipettes and dosing systems. They serve to optimise dosing with improved hygiene.

**PRODUCT INFORMATION****Adapters**

Material	PE (Food and/or pharmacopoeia grade)
Use	For PP28 bottleneck, glass and plastic > Models for 1-hole pipette with Rounded or Connect tip

**STANDARD REFERENCE(S)****ADAPTER FOR PIPETTE**

Item code	Bottleneck diameter	Bottle	Shape	Pipette
1DAD0202	PP28	Glass	Rounded	1 hole
1DAD0203	PP28	Plastic	Rounded	1 hole
20034500*	PP28	Glass	Connect	1 hole

**FOR 1-HOLE PIPETTE**

5AA adapter  
For pipette with rounded tip  
and PP28 bottleneck



5CA adapter  
For connect pipette  
and PP28 bottleneck

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# DOS'UP<sup>®</sup> 3AA, 3VA, 3CA

## MEASURING CUPS

### ORAL ROUTE



3CA MEASURING CUPS



3VA MEASURING CUPS



3AA MEASURING CUPS

DOS'UP<sup>®</sup> measuring cups are used to dispense oral suspensions. They are available in different shapes to adapt to the main stoppers on the market: aluminium, Vistop and Childproof. Our measuring cups come in two bottleneck sizes: PP28 and PP25.

#### PRODUCT INFORMATION

Material	PP (Food and/or pharmacopoeia grade)
Type	For PP28 aluminium stopper, PP28 and PP25 Vistop and PP28 Childproof
Colour (standard)	Natural
Marking	CE

#### STANDARD REFERENCE(S)

##### DOS'UP<sup>®</sup> 3CA MEASURING CUP FOR CHILDPROOF STOPPER

Item code	Bottleneck diameter	Material	Colour	Volume (ml)	Graduations (ml)	Diameter (mm)	Height (mm)
1DD01273	PP28	PP	Natural	15	2.5/5/7.5/10/12.5/15	35.8	28.7
5DD00175	PP28	PP	Natural	15	1.25/2.5/3/5/7.5/10/15	38	37.8
1DD00170	PP28	PP	Natural	20	10	37.5	27.5
1DD01272	PP28	PP	Natural	20	5/10	35.8	28.7
1DD00006	PP28	PP	Natural	20	5/10/15/20	37.5	28.7
1DD01270	PP28	PP	Natural	20	2.5/5/10/15/20	37.5	28.7
21017000*	PP28	PP	Natural	30	5/10/15/20/25/30	37.5	30

##### DOS'UP<sup>®</sup> 3VA MEASURING CUP FOR VISTOP STOPPER

1DD00184	PP28	PP	Natural	15	5	34.7	23.3
1DD00189	PP28	PP	Natural	15	2.5/5	35	23
1DD00186	PP28	PP	Natural	15	5/10	34.7	22.8
1DD00188	PP28	PP	Natural	15	2.5/5/7.5/10/15	35	23
1DD00190	PP28	PP	Natural	15	2.5/5/7.5/10/15	36	29
1DD00008	PP28	PP	Natural	15	5/15	34.7	23.3
1DD00183	PP28	PP	Natural	15	2.5/5/15	34.7	23.3
1DD01274	PP28	PP	Natural	15	7.5/15	34.7	23.3
1DD01099	PP28	PP	Natural	15	2.5/5/7.5/10/15	35	23

##### DOS'UP<sup>®</sup> 3AA MEASURING CUP FOR ALUMINIUM STOPPER

1DD00159	PP28	PP	Natural	15	2.5/5/7.5/10/15	35	24
1DD00171	PP28	PP	Natural	20	5/10/15/20	37.5	28.7

#### OPTIONS

- Specific colour as per Pantone
- Customised printing (logo, graduation, colour)
- Packaging: bulk.

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**DOS'UP<sup>®</sup>** 2CA, 2LA, 2NA

## MEASURING SPOONS

17

## ORAL ROUTE



DOS'UP<sup>®</sup> measuring spoons are used for dispensing powder and granule feed. They are available in different shapes.

Our measuring spoons can be made from bioplastics - please contact us.

## PRODUCT INFORMATION

Material	PS or PP (food grade)
Type	With a short, mid-length or long handle
Colour (standard)	Natural, White or Ivory

## STANDARD REFERENCE(S)

DOS'UP<sup>®</sup> 2CA SHORT HANDLE MEASURING SPOON

Item code	Material	Colour	Volume (ml)	Graduations (ml)	Length (mm)	Diameter (mm)	Height (mm)
1DDS0119	PP	Natural	10	5/10	60	28	27
1DDS1095	PP	Natural	15	5/10/15	63	28	27
1DDS0121	PP	Natural	20	5/10/15/20	65	36	28
1DDS0122	PP	Natural	30	10/20/30	68	43	27
1DDS0123	PP	Natural	50	50	88	46	34

DOS'UP<sup>®</sup> 2LA MID-LENGTH HANDLE MEASURING SPOON

1DDS0129	PP	Natural	10	5/10	93	27	27
1DDS0131	PP	Natural	15	5/10/15	96	31	27
1DDS0135	PP	Natural	20	5/10/15/20	97	36	27
1DDS0141	PP	Natural	30	10/20/25	100	40	27
1DDS0149	PP	Natural	50	10/20/30	101	43	27

DOS'UP<sup>®</sup> 2NA LONG HANDLE MEASURING SPOON

1DDS1293	PS	Ivory	10	10	110	28	27
1DDS0137	PP	Natural	20	5/10/20	118	37	27
1DDS0143	PP	Natural	25	10/20/25	118	41	27
1DDS0144	PP	Ivory	25	10/20/25	118	41	27
1DDS0152	PP	Natural	30	10/20/30	118	44	27
1DDS0153	PP	Ivory	30	10/20/30	118	44	27

2CA SHORT HANDLE MEASURING SPOON

2LA MID-LENGTH HANDLE MEASURING SPOON

2NA LONG HANDLE MEASURING SPOON

## OPTIONS

- Specific colour as per Pantone
- Customised printing (logo, graduation, colour)
- Packaging: bulk.

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# DOS'UP<sup>®</sup> 4GA

18

## BEAKERS

### ORAL ROUTE



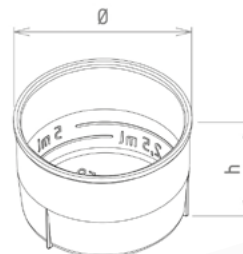
1DG00192



1DG00193



1DG00198



DOS'UP<sup>®</sup> beakers are designed to dispense drugs or nutritional supplements in liquid, powder or granule form for animals (horses, dogs, cattle, etc.). They are available in different shapes. Our range of standard beakers has been market-approved for over 20 years. This guarantees the best value for money.

#### PRODUCT INFORMATION

Material	PP (Food and/or pharmacopoeia grade)
Type	Multipurpose large-capacity measuring cup
Colour (standard)	Natural

#### STANDARD REFERENCE(S)

DOS'UP <sup>®</sup> 4GA MEASURING BEAKER				
Item code	Volume (ml)	Graduations (ml)	Diameter (mm)	Height (mm)
1DG00192	45	-	46	40
1DG00193	80	10/20/30	68	54
1DG00198	150	Every 10 ml	59	67

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**APPLISIL<sup>®</sup>**

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# LOCAL APPLICATION SYSTEMS

## CUTANEOUS OR OTIC ROUTE

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• **APPLISIL® TU3A** SINGLE-DOSE TUBE

PAGE 22

• **APPLISIL® AV1A** EAR CANNULA

PAGE 23

**APPLISIL<sup>®</sup> TU3A**

22

SINGLE-DOSE TUBE

CUTANEOUS ROUTE



NF EN ISO 15378: 2018



The APPLISIL<sup>®</sup> single-dose tube is used to apply creams and gels on animals (horses, dogs, cattle, etc). Practical and hygienic, this product also has a snap-off tip for easy opening before use.

**PRODUCT INFORMATION**

Material	PE (food grade)
Tip	Snap-off
Colour (standard)	White
Option	1 colour printing

**STANDARD REFERENCE(S)**

APPLISIL <sup>®</sup> TU3A SINGLE-DOSE TUBE		
Item code (ml)	Volume (ml)	Overall Length (mm)
17031400*	1	60
1ATU0002	5	110

\*Product in development (for more information, please contact us)

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**APPLISIL<sup>®</sup> AV1A**

EAR CANNULA

23

**OTIC ROUTE**

The APPLISIL<sup>®</sup> ear cannula is used for treating the ear canal in animals (horses, dogs, cattle, etc.). It is available in two shapes and two materials.

**PRODUCT INFORMATION**

Material	EVA or PVC (Food and/or pharmacopoeia grade)
Colour (standard)	Specific as per Pantone

**STANDARD REFERENCE(S)**

APPLISIL <sup>®</sup> AV1A EAR CANNULA		
Item code	Material	Total Height (mm)
1TCA0709	PVC	50
1TCA0710	EVA	48.5



1TCA0709



1TCA0710

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**VETIRAL<sup>®</sup>**  
**VETILINE<sup>®</sup>**



# ADMINISTRATION SYRINGES FOR VETERINARY DRUGS

## ORAL OR INTRAMAMMARY ROUTE

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- **VETIRAL®** *P01A* ORAL PASTE SYRINGE
- **VETILINE®** *IM1A* INTRAMAMMARY SYRINGE

PAGE 26

PAGE 27

# VETIRAL® P01A

26

## ORAL PASTE SYRINGE

### ORAL ROUTE



WIDE CANNULA



CAP

BARREL

RING

TOOTHED PLUNGER



The VETIRAL® oral paste syringe is used for administering nutritional supplements and antibiotics to animals (horses, dogs, cattle, etc.). It is available in two versions: single-dose and multi-dose. The multi-dose version has a ring on the plunger allowing accurate and controlled dosing.

### PRODUCT INFORMATION

Syringe	<ul style="list-style-type: none"> <li>&gt; Food and/or pharmacopoeia grade</li> <li>&gt; Single-dose: barrel with fitted cap and straight plunger</li> <li>&gt; Multi-dose: barrel with fitted cap and ringed graduated toothed plunger</li> </ul>
Colour (standard)	White (specific colour as per Pantone: please contact us)
Benefits	<ul style="list-style-type: none"> <li>&gt; Easy to use</li> <li>&gt; Dosing accuracy</li> <li>&gt; Option to order subassemblies separately: plunger, barrel, ring, etc.</li> </ul>
Option	Optional digital labelling

### STANDARD REFERENCE(S)

VETIRAL® P01A SINGLE-DOSE ORAL SYRINGE							
Item code Barrel + cap	Volume (ml)	Cannula Diameter (mm)	Barrel Diameter (mm)	Length Barrel + cap (mm)	Item code Plunger	Plunger Type	Plunger Length (mm)
1TSE0879	5	3	17	74	1TPI0761	Straight	43
1TSE0882	15	3	20	112	1TPI0763	Straight	99
1TSE0856	20	3	23	104	1TPI0757	Straight	88
1TSE0976	32	5	26	139	1TPI0750	Straight	112
1TSE1025	60	5	35	140	1TPI0754	Straight	118
1TSE1028	60	10	35	140	1TPI0754	Straight	118

VETIRAL® P01A MULTI-DOSE ORAL SYRINGE							
Item code Barrel + cap	Volume (ml)	Cannula Diameter (mm)	Barrel Diameter (mm)	Length Barrel + cap (mm)	Item code Plunger	Plunger Type	Plunger Length (mm)
1TSE1173	5	2.5	12	137	1TPI1131	Toothed	119
1TSE0923	15	5	18	113	1TPI0779	Toothed	92
1TSE0957	20	3	24	115	1TPI0787	Toothed	94
1TSE0976	32	5	26	139	1TPI0804	Toothed	112
1TSE1025	60	5	35	140	1TPI0810	Toothed	118
1TSE1028	60	10	35	140	1TPI0810	Toothed	118

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# VETILINE® IM1A

## INTRAMAMMARY SYRINGE

27

### INTRAMAMMARY ROUTE

The VETILINE® intramammary syringe is ideal for injecting drugs into cows' udders thanks to its extremely fine needle. The snap-off cap allows easy use.

#### PRODUCT INFORMATION

Syringe	<ul style="list-style-type: none"> <li>&gt; Food and/or pharmacopoeia grade</li> <li>&gt; Barrel with fitted cap</li> <li>&gt; Regular or snap-off cap (see table below)</li> <li>&gt; Separate straight plunger</li> </ul>
Colour (standard)	White (specific colour as per Pantone: please contact us)
Benefits	<ul style="list-style-type: none"> <li>&gt; Easy use (references with snap-off cap)</li> <li>&gt; Dosing accuracy (Ø 1.5 mm fine cannula)</li> </ul>
Option	Optional digital labelling

#### STANDARD REFERENCE(S)

##### VETILINE® IM1A SYRINGE WITH REGULAR CAP

Item code Barrel + cap	Volume (ml)	Cannula Diameter (mm)	Barrel Diameter (mm)	Length Barrel + cap (mm)	Item code Plunger	Plunger Type	Plunger Length (mm)
1TSE0654	10	1.5	20.5	101	1TPI0640	Straight	84
1TSE0655	20	1.5	22	113	1TPI0757	Straight	89
1TSE0684	30	1.5	26	134	1TPI0750	Straight	113

##### VETILINE® IM1A SYRINGE WITH SNAP-OFF CAP

1TSE0661	5	1.5	14	75	1TPI0761	Straight	43
1TSE1127	7	1.5	13	90	1TPI0639	Straight	70
1TSE1300	12	1.5	19	103	1TPI0642	Straight	88

SNAP-OFF CAP



NF EN ISO 15378: 2018



SMOOTH PLUNGER



BARREL



SNAP-OFF CAP

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**VETOCIDE<sup>®</sup>**

# ANTI-PARASITE TREATMENT DEVICES

## LOCALE ROUTE

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- **VETOCIDE® IM2A** ANTI-PARASITIC AND INSECTICIDE SYRINGE PAGE 30
- **VETOCIDE® IM3A** ANTI-PARASITIC LOOP PAGE 31

# VETOCIDE<sup>®</sup> IM2A

30

## ANTI-PARASITIC AND INSECTICIDE SYRINGE

### LOCALE ROUTE



The VETOCIDE<sup>®</sup> anti-parasitic syringe enables high-accuracy application of anti-parasite treatments to pets or insecticide treatments covering a specific area. This product is available in 15, 20 and 30 ml versions.

### PRODUCT INFORMATION

Insecticide syringe	> Food and/or pharmacopoeia grade > Separate straight plunger
Colour (standard)	White (specific colour as per Pantone: please contact us)
Benefits	Dosing accuracy (Ø 1.5 mm thin cannula)
Option	Optional digital labelling

### STANDARD REFERENCE(S)

VETOCIDE <sup>®</sup> IM2A INSECTICIDE SYRINGE							
Item code Barrel + cap	Volume (ml)	Cannula Diameter (mm)	Barrel Diameter (mm)	Length Barrel + cap (mm)	Item code	Plunger Type	Plunger Length (mm)
1TSE0901	15	3.5	20	92	1TPI0735	Straight	78
1TSE0655	20	3.5	22	114	1TPI0757	Straight	88
1TSE0976	30	4.5	26	140	1TPI0750	Straight	112

THIN CANNULA



STRAIGHT PLUNGER

BARREL

CAP

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**VETOCIDE® IM3A**

ANTI-PARASITIC LOOP

31

**LOCALE ROUTE**

The **VETOCIDE®** anti-parasitic loop helps protect pets from parasites and insects that are harmful for animals.

**PRODUCT INFORMATION**

Material	Polyamide
Benefits	> Different shapes available > Wide range of colours available



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**VETIMAX<sup>®</sup>**

# COMPLEX DEVICES FOR VACCINATION AND INSEMINATION

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• **VETIMAX®** *IM4A* CUSTOM COMPLEX DEVICES

PAGE 34



# VETIMAX<sup>®</sup> IM4A

34

## CUSTOM COMPLEX DEVICES

### LOCAL ROUTES



PROGESTERONE APPLICATORS  
FOR INSEMINATION CONTROL



HORMONE INJECTION GUN  
CARTRIDGES



NASAL VACCINE  
DELIVERY TUBES

VETIMAX<sup>®</sup> complex devices are used for vaccinating and inseminating animals (horses, dogs, cattle, etc.). These custom products have been developed in close partnership with our customers in the veterinary sector.

#### INNOVATION

Union Plastic supports you in all your new developments.

- > Co-development of your products and consumables
- > Qualification of manufacturing processes
- > Integration of existing tools

#### QUALITY

- > Delegation of controls

#### FULL SERVICE

- > Optimised automated or manual assembly
- > LASER or OFFSET printing
- > Customised labelling or packaging
- > In-house EtO sterilisation

**DO YOU HAVE A NEW PROJECT? CONTACT OUR TEAMS**

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**MEDIC'UP<sup>®</sup>**





# DEVICES FOR DRUG TRANSFER, INJECTION AND RECONSTITUTION PARENTERAL ROUTE

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• **MEDIC'UP®** VA1A VIAL ADAPTER

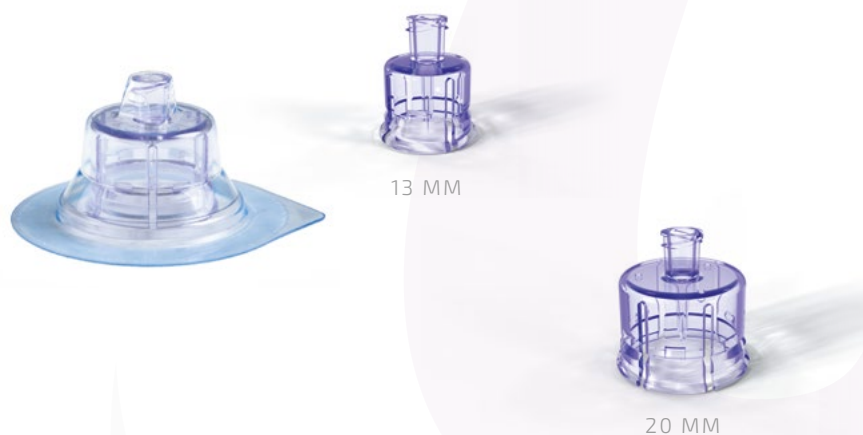
PAGE 38

# MEDIC'UP<sup>®</sup> VA1A

38

VIAL ADAPTER

PARENTERAL ROUTE



MEDIC'UP<sup>®</sup> vial adapters allow you to transfer medication solutions quickly and easily, particularly in the context of vaccination. This single-use, sterile device prevents needle pricks and reduces the risk of contamination when reconstituting medicines.

## CHARACTERISTICS

Spike	Made of plastic, allowing rubber stopper penetration without deformation or chipping
3 Holes	> Optimises rinsing, liquid injection and aspiration of the reconstituted medicine
Luer-Lock	Female connector
Benefit(s)	<ul style="list-style-type: none"> <li>&gt; ISO 80369-compatible guide system allowing perfect central penetration of the spike at the level of the bottle's rubber stopper</li> <li>&gt; Compatible with all Ø 20 and Ø 13 bottlenecks</li> <li>&gt; Permanent clip function on the bottleneck</li> <li>&gt; Moulded in Polycarbonate</li> <li>&gt; Sterilised by Gamma irradiation</li> </ul>

## STANDARD REFERENCE(S)

MEDIC'UP <sup>®</sup> VA1A VIAL ADAPTER			
Item code	Bottle diameter (ml)	Height (mm)	Filter (µm)
1MVA0004	13	22.4	No filter
1MVA0011	13	22.4	5
1MVA0014	13	22.4	15
1MVA0017	20	25.6	No filter
1MVA0008	20	25.6	5
1MVA0020	20	25.6	15



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# ***SERVICES***

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- 
- **PACKAGING** PAGE 42
  - **PRINTING** PAGE 42
  - **FULL SERVICE** PAGE 43

## Services

- Blister pack
- Individual bag
- Tray, folder
- Welded liner
- Bulk in BigBag
- Reusable plastic crate
- Flow Pack

### Packaging

#### A complete range

Union Plastic pays particular attention to the final packaging of its products. We offer a complete range of packaging according to product type.

- Screen printing
- Pad printing
- Offset
- Laser
- Digital

### Printing

#### 5 technologies to better serve you

Union Plastic offers a wide range of customisation solutions to suit your needs.

We use several printing technologies directly integrated into our manufacturing lines. Offset, laser, screen, pad and digital printing.



## Full services

### Our services cover all your needs

Union Plastic positions itself as the end-to-end partner of your projects. Thanks to the expertise of our various departments, we provide an integrated offer of high-level services.

- Sterilisation
- Identification and qualification of backup material
- Quality control delegation
- Product regulatory registration
- Welding

## STERILISATION

Offer of services including qualifications:

- > Gamma
- > EtO in-house
- > Autoclave



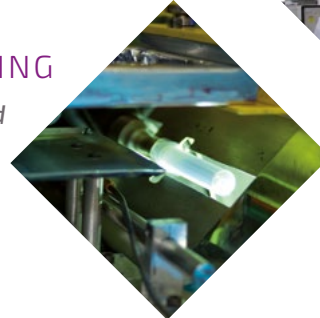
## INTERNAL BIOBURDEN CONTROL

- > Periodic or systematic sampling
- > Load mapping and cycle qualification



## WELDING

- > Ultrasound
- > Laser



# **Union plastic**

GLOBAL EXPERT  
FOR HEALTHCARE INDUSTRIES



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