



Union plastic

GLOBAL EXPERT
FOR HEALTHCARE INDUSTRIES



HUMAN HEALTH



Union plastic
HEALTH ONLY

40

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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.

An extensive range of certified high-quality products:

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 transferring, injecting and reconstituting drugs

VETIRAL[®] & **VETILINE**[®] Veterinary drug administration syringes

VETIMAX[®] Complex devices for vaccination and insemination

VETOCIDE[®] Device for anti-parasitic treatment

•
4 production sites operating 24/7

•
20,000 m² of covered space, including 1,000 m² OF CLEAN ROOMS

•
2 Billion plastic parts produced annually

•
More than 400 injection molds



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



Eco-responsible Health Plastics

Our CSR commitments

- 20% *self-consumption* of electricity thanks to the 3,700 m² 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® Plus and APPLISIL® Plus 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.

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

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 team dedicated to development 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.

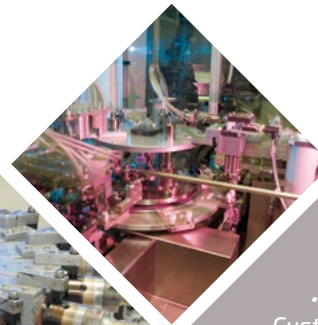
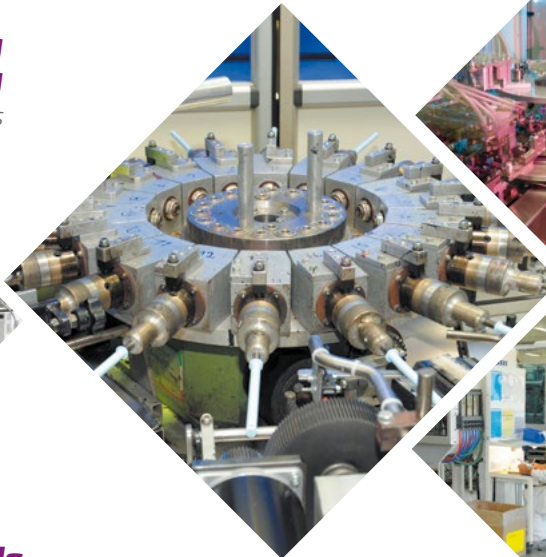
Our cutting edge clean room production lines (ISO9 - ISO8 - ISO7 areas) cover an area of 20,000 m² to meet all your needs in terms of reactivity, flexibility and results.

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



Regulatory expertise

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

All Union Plastic solutions

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 transferring, injecting and reconstituting drugs

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 transferring, injecting and reconstituting drugs

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HUMAN HEALTH

Dosing systems for liquids or powders

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SPRAYLINE®

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Devices for drug transfer, injection and reconstitution

MEDIC'UP®

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A female doctor with brown hair in a ponytail, wearing a white lab coat, is shown in profile, examining a young child. She is holding a pink thermometer to the child's mouth. The child is wearing blue denim overalls. The background is a soft-focus clinical setting. The text 'DOS'UP' is overlaid on the right side of the image.

DOS'UP®

DOSING SYSTEMS FOR LIQUIDS OR POWDERS ORAL ROUTE

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	Product	Type	Benefits	Volume	Graduation	Length	Accessories Options	Page
	DOS'UP® 5AA 1-hole pipette	Rounded tip, 1 hole	Paediatric use	2,5 to 5 ml	Per 0.5 ml	100 mm	Adapter	14
	DOS'UP® 5CA 1-hole pipette	Rounded tip, 1 hole	Paediatric use	8 ml	Per 0.5 ml	128 mm	-	14
	DOS'UP® 5CA 1-hole pipette	Connect tip, 1 hole	Easy adapter connection	8 ml	Per 0.5 ml	128 mm	Adapter	14
	DOS'UP+® 5TA 3-holes pipette	Rounded tip, 3 holes	Homogeneous dispersion	3 to 10 ml	Per 0.5 ml or 1 ml (depending on model)	80 to 135 mm (depending on model)	Adapter	15
	DOS'UP® 6BA, 6CA, 6DA dosing syringe	3 shapes available	Ergonomic Dosing accuracy	0.2 ml to 12 ml	1 ml (for 5 and 10 ml syringes)	88 to 100 mm (depending on model)	Adapter	16
	DOS'UP® 1BA spoon	Single-ended	Simple and economical	1.5 to 15 ml	Per 1.25 ml	See Technical Data Sheet	Folder	18
	DOS'UP® 1BA spoon	Dual-ended	Double dosage	1.25 to 5 ml	Per 1.25 ml or 2.5 ml (depending on model)	See Technical Data Sheet	Folder	18
	DOS'UP® 3AA measuring cup	For aluminium stopper	Wide dosing range	15 and 20 ml	Per 2.5 ml	See Technical Data Sheet	-	19
	DOS'UP® 3VA measuring cup	For Vistop stopper	Wide dosing range	10 and 15 ml	Per 2.5 ml	See Technical Data Sheet	-	19
	DOS'UP® 3CA measuring cup	For Childproof stopper	Paediatric use	15 to 30 ml	Per 2.5 ml	See Technical Data Sheet	-	19
	DOS'UP® 2CA measuring spoon	Short handle	Powder dosing	3.2 to 30 ml	Per 5 ml	See Technical Data Sheet	-	20
	DOS'UP® 2LA measuring spoon	Mid-length handle	Powder dosing	10 to 50 ml	Per 5 ml	See Technical Data Sheet	-	20
	DOS'UP® 2NA measuring spoon	Long handle	Powder dosing	10 to 30 ml	Per 5 ml	See Technical Data Sheet	-	20

DOS'UP[®] 5PA, 5AA, 5CA

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1-HOLE PIPETTE

ORAL ROUTE



PIPETTE, SPA FLAT TIP



PIPETTE WITH ROUNDED TIP,
5AA ATRAUMATIC



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[®] 1-hole pipette is used for dosing paediatric syrup. Available with flat, rounded or connect tips.

CHARACTERISTICS

pipette

Barrel	PE (food grade)
Plunger	PS
Tip Type	> Flat (SPA) > 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 [®] PIPETTE						ADAPTER		
Item code	Tip type	Reference	Volume (ml)	Graduations (mm)	Length (mm)	Item code	Bottleneck diameter	Vial
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
1DPD1326	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+[®] 5TA

ATRAUMATIC 3-HOLES PIPETTE

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ORAL ROUTE



The innovative **DOS'UP[®] Plus 5TA 3-holes pipette** ensures that the medicine is dispersed evenly in the child's mouth, reducing the risk of choking. The range includes pipettes with rounded, atraumatic tips for more pleasant administration.

Made from 100% Polyolefin for better recyclability

PRODUCT INFORMATION

pipette

Barrel	PP (food and/or pharmacopoeia grade)
Plunger	PE (food and/or pharmacopoeia grade)
Tip Type	Rounded (Atraumatic)
Number of holes	3 for more homogeneous dispersion
Colour (standard)	White plunger
Marking	CE

AVAILABLE ACCESSORIES

Adapter	PE
Use	For PP28 bottleneck, glass and plastic For atraumatic 3-hole tip pipette
Benefit(s)	Improved hygiene and optimised dosage

STANDARD REFERENCE(S)

DOS'UP [®] PLUS 5TA PIPETTE				ADAPTER	
Item code	Volume (ml)	Graduations (mm)	Length (mm)	Item code	Bottleneck diameter
1DPD1307	3	0.5 > 3	90	1DAD1110	PP28
21007100*	4	0.5 > 4	100	-	-
1DPD1310	5	0.5 > 5	100	1DAD1111	PP28
1DPD1107	6	0.5 > 6	125	-	-
1DPD1305	8	0.5 > 8	128	1DAD1113	-
1DPD1303	10	1 > 10	134	1DAD1114	-

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

OPTIONS

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

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DOS'UP[®] 6BA, 6CA, 6DA

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DOSING SYRINGE

ORAL ROUTE



SMALL MODEL 6BA
(0.2 AND 1 ML)



STANDARD MODEL 6CA
(5 AND 10 ML)



LARGE MODEL 6DA
(6 AND 12 ML)

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OPTIONS

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



The DOS'UP[®] 6BA, 6CA, 6DA dosing syringe is used for dosing paediatric syrups and oral suspensions. It is available in three shapes. Ergonomically designed for precise dosing. Made from 100% Polyolefin for better recyclability.

We offer a broad range of adapters to suit different applications.

CHARACTERISTICS

pipette

Barrel	PP (food and/or pharmacopoeia grade)
Plunger	PE (food and/or pharmacopoeia grade)
Tip	3 mm diameter
Colour (standard)	Natural
Marking	CE
3 references available	Small model (6BA) Standard model (6CA) Large model (6DA)

AVAILABLE ACCESSORIES

Adapter	PE
3 shapes available	> Fins (1DAD0241) > Short tube (1DAD0239) > Long tube (1DAD1104)
Use	For PP28 bottleneck, glass and plastic
Benefit(s)	Improved hygiene and optimised dosage

STANDARD REFERENCE(S)

DOS'UP [®] DOSING SYRINGE				
Item code	Reference	Volume (ml)	Graduations (mm)	Length
5DSD1359	6BA	0.2	0.1 > 0.2	88
5DSD1345	6BA	1	0.2 > 1	88
1DSD1104	6CA	5	0.5 > 5	85
23496000*	6DA	6	0.25 > 5	85
1DSD1102	6CA	10	0.5 > 10	101
23367000*	6DA	12	0.5 > 12	101

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

DOS'UP[®] 5AA, 5CA, 5TA, 6CA

ADAPTERS

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ORAL ROUTE

FOR 1-HOLE PIPETTE



5AA adapter
For pipette with rounded tip
and PP28 bottleneck



5CA adapter
For connect pipette
and PP28 bottleneck

FOR ATRAUMATIC 3-HOLES PIPETTE



5TA adapter
For atraumatic pipette

FOR DOSING SYRINGE



**6CA adapter
with fins**



**6CA adapter
with short tube**



**6CA adapter
with long tube**

DOS'UP[®] adapters are used with DOS'UP[®] pipettes and dosing syringes. 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 (see reference table). > Models for 1-hole pipette with Rounded or Connect tip > Model for 3-holes pipette > Models for dosing syringes

STANDARD REFERENCE(S)

DOS'UP [®] PIPETTE ADAPTER					
Item code	Reference	Bottleneck diameter	Vial type	Adapter shape	Pipette type
1DAD0202	5AA	PP28	Glass	Fins	1 hole
1DAD0203	5AA	PP28	Plastic	Fins	1 hole
20034500*	5CA	PP28	Glass and plastic	Short tube	Connect
1DAD1110	5TA	PP28	Glass and plastic	Fins	3 holes
1DAD1111	5TA	PP28	Glass and plastic	Fins	3 holes
1DAD1112	5TA	PP28	Glass and plastic	Fins	3 holes
1DAD1113	5TA	PP28	Glass and plastic	Fins	3 holes
1DAD1114	5TA	PP28	Glass and plastic	Fins	3 holes

DOS'UP [®] DOSING SYRINGE ADAPTER					
Item code	Reference	Bottleneck diameter	Vial type	Adapter shape	Dosing syringe
210004500*	6BA	GL18	Glass	Short tube	0.2 and 1 ml
1DAD0241	6CA	PP28	Glass and plastic	Fins	5.6, 10 and 12 ml
1DAD0239	6CA	PP28	Glass	Short tube	5.6, 10 and 12 ml
1DAD1104	6CA	PP28	Glass	Long tube	5.6, 10 and 12 ml

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

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DOS'UP[®] 1MA, 1BA

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SPOONS

ORAL ROUTE



1MA SPOONS



1BA DUAL-ENDED SPOONS

DOS'UP[®] spoons are used for dosing paediatric syrups and oral suspensions. They are available in single-ended and dual-ended versions in a wide range of shapes. Our range of standard spoons has been market-approved for over 30 years. This guarantees the best value for money.

CHARACTERISTICS

Material	PP or PS (food grade)
Type	Single-ended or dual-ended
Colour (standard)	White, Ivory, Natural (see reference table)
Marking	CE

STANDARD REFERENCE(S)

SPOONS DOS'UP [®] 1MA							
Item code	Material	Colour	Volume (ml)	Graduations (ml)	Length (mm)	Width (mm)	Height (mm)
1DCU0113	PS	White	1.5	1.5	59.5	13	6.5
1DCU1288	PS	Ivory	2.5	2.5	92	23	8.5
1DCU1304	PS	Natural	2.5	1.25 / 2.5	80	28	7.5
1DCU1293	PP	White	5	2.5	92.5	33	7.5
1DCU1295	PS	Natural	5	2.5	93	33	7.5
1DCU1324	PS	Natural	5	1.25 / 2.5	86	28	10
1DCU1330	PS	Natural	5	1.25 / 2.5 / 5	95	36	7
1DCU1359	PS	Natural	5	1.25 / 2.5 / 5	93	33.5	8
1DCU0075	PP	Natural	5	1.25 / 2.5 / 5	93	33	7.5
1DCU0107	PS	White	5	1 / 2.5	93	33	7.7
1DCU1308	PS	Natural	7.5	3.75 / 7.5	100	31	10
1DCU1154	PP	Natural	15	5 / 10 / 15	120	38	10

DOS'UP[®] 1BA DUAL-ENDED SPOONS

1DCU1088	PP	white	5	1.25 / 2.5-5	87	31	9.5
1DCU0040	PP	white	5	2.5 / 5	87	31	9.5

OPTIONS

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

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DOS'UP® 3AA, 3VA, 3CA

MEASURING CUPS

ORAL ROUTE

DOS'UP® measuring cups are used to dispense paediatric syrups and 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® 3CA MEASURING CUP FOR CHILDPROOF CAP

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	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® 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
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	7.15/15	34.7	23.3
1DD01099	PP25	PP	Natural	15	2.5/5/7.5/10/15	35	23

DOS'UP® 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



3CA MEASURING CUPS



3VA MEASURING CUPS



3AA MEASURING CUPS



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OPTIONS

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



DOS'UP[®] 2CA, 2LA, 2NA

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MEASURING SPOONS

ORAL ROUTE



2CA SHORT HANDLE MEASURING SPOON



2LA MID-LENGTH HANDLE MEASURING SPOON



2NA LONG HANDLE MEASURING SPOON

DOS'UP[®] measuring spoons are used for dispensing powder, particularly for baby food (milk powder). They are available in different shapes.

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

CHARACTERISTICS

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[®] 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[®] 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	25	10/20/25	100	40	27
1DDS0149	PP	Natural	30	10/20/30	101	43	27

DOS'UP[®] 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

OPTIONS

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

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APPLISIL[®]

LOCAL APPLICATION SYSTEMS

VAGINAL, RECTAL, CUTANEOUS OR OCULAR ROUTE

- **APPLISIL® SA1A** STRAIGHT PLUNGER APPLICATOR FOR CREAMS AND GELS PAGE 26
- **APPLISIL® SA2A** CROSS-SHAPED PLUNGER APPLICATOR FOR CREAMS AND GELS PAGE 27
- **APPLISIL+® SA3A** THREADED APPLICATOR FOR CREAMS AND GELS PAGE 28
- **APPLISIL® SA5A** CROSS-SHAPED PLUNGER APPLICATOR FOR TABLETS PAGE 29
- **APPLISIL® TU3A** SINGLE-DOSE TUBE PAGE 30
- **APPLISIL® SA4A** SPATULA PAGE 31
- **APPLISIL® AA6A** OPHTHALMIC FORCEPS PAGE 32
- **APPLISIL® CA7A** CANNULA PAGE 33



	Product	Route	Dosage form (cream, gel, liquid, tablet)	Type	Benefits	Volume	Length	Tip diameter	page
	APPLISIL® SA1A applicator	Vaginal	Cream and gel	Straight plunger	Printable	0.5 to 5 ml	123 mm	8 mm	26
	APPLISIL® SA2A applicator	Vaginal	Cream and gel	Cross-shaped plunger	Economical	1.5 to 5 ml	126 mm	8 mm	27
	APPLISIL+® SA3A applicator	Vaginal	Cream and gel	Threaded	Avoids product loss	0.5 to 5 ml	122 mm	8 mm	28
	APPLISIL® SA5A applicator	Vaginal	Ovule, lozenge, tablet	Cross-shaped plunger	-	-	130 mm	14 mm	29
	APPLISIL® TU3A single-dose tube	Vaginal, rectal or cutaneous	Liquid, gel and cream	-	Snap-off tip	1 ml 5 ml	60 mm 110 mm	-	30
	APPLISIL® SA4A spatula	Cutaneous	Cream and gel	-	-	-	70 mm 110 mm	-	31
	APPLISIL® AA6A ophthalmic forceps	Ocular	Tablet	-	Bag-filling	-	-	-	32
	APPLISIL® CA7A cannula	Urological	Cream	-	Blister packing + EtO sterilisation possible	-	-	-	33

APPLISIL[®] SA1A

26 STRAIGHT PLUNGER APPLICATOR FOR CREAMS AND GELS

VAGINAL ROUTE



PROTECTIVE CAP

The APPLISIL[®] straight plunger applicator is used to apply creams and gels vaginally. It is printable and meets the requirements for legible graduation and regulatory identification of medical dosing devices.

CHARACTERISTICS

Barrel	PE (pharmacopoeia grade) adaptable to M9 tube
Plunger	PS, straight, printable
Colour (standard)	White plunger

AVAILABLE ACCESSORIES

Protective cap	PE
Use	For straight plunger applicator
Benefit(s)	Improved hygiene

Accessory	Item code	Overall Length (mm)	Diameter (mm)
Cap	1ACH1125	26	11.4

STANDARD REFERENCE(S)

APPLISIL [®] SA1A APPLICATOR				
Item code	Volume (ml)	Graduation (ml)	Length (mm)	Tip diameter (mm)
1ASV1119	0.5	0.5	122	8
1ASV1128	1	0.5 > 1	122	8
1ASV1122	2	0.5 > 2	122	8
1ASV1134	5	1 > 5	122	8

OPTIONS

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

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APPLISIL[®] SAZA**CROSS-SHAPED PLUNGER APPLICATOR FOR CREAMS AND GELS**

27

VAGINAL ROUTE

The APPLISIL[®] cross-shaped plunger applicator is used to apply creams and gels vaginally. It offers the highest level of competitiveness without compromising on essential functional features.

PRODUCT INFORMATION

Barrel	PE
Plunger	PE
Use	Adaptable to M9 tube
Colour (standard)	White plunger

**STANDARD REFERENCE(S)**

APPLISIL [®] SAZA APPLICATOR			
Item code	Volume (ml)	Length (mm)	Tip diameter (mm)
1ASV0015	1.5	127	8
1ASV0014	2	127	8
1ASV1117	2.5	127	8
1ASV1118	5	127	8
1ASV0025	5	126	9.5

OPTIONS

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

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APPLISIL+[®] SA3A

28

THREADED APPLICATOR FOR CREAMS AND GELS

VAGINAL ROUTE



The APPLISIL[®] threaded applicator is used to apply creams and gels vaginally. The thread holds the applicator in place on the tube and prevents any loss of product.

Made from 100% Polyolefin for greater recyclability.

CHARACTERISTICS

Barrel	PP (pharmacopoeia grade)
Plunger	PE (pharmacopoeia grade)
Colour (standard)	White plunger
Use	To screw onto M9 tube



STANDARD REFERENCE(S)

APPLISIL [®] SA3A APPLICATOR				
Item code	Volume (ml)	Graduation (ml)	Length (mm)	Tip diameter (mm)
21015100*	0.5	0.5	122	8
20015700*	2	0.5 > 2	122	8
23394000*	5	0.5 > 5	122	8

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

OPTIONS

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

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APPLISIL[®] SA5A**CROSS-SHAPED PLUNGER APPLICATOR FOR TABLETS**

29

VAGINAL ROUTE

The APPLISIL[®] cross-shaped Plunger applicator is used to apply tablets and ovules vaginally. Different versions can be designed according to tablet size.

PRODUCT INFORMATION

Barrel	PP (pharmacopoeia grade)
Plunger	PE (pharmacopoeia grade). Cross-shaped
Colour (standard)	White plunger
TABLET SIZE:	+/- L 25 x W 10 x H 7 mm

STANDARD REFERENCE(S)

APPLISIL [®] SA5A APPLICATOR		
Item code	Length (mm)	Tip diameter (mm)
1AAV1137*	135	14

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

**OPTIONS**

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

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APPLISIL[®] TU3A

30

SINGLE-DOSE TUBE

VAGINAL, CUTANEOUS OR RECTAL ROUTE



The APPLISIL[®] single-dose tube is used to apply creams and gels vaginally or rectally. Practical and hygienic, this product also has a snap-off tip for easy opening before use. Easily filled, its thin wall allows closure by hot air welding.

CHARACTERISTICS

Material	PE (pharmacopoeia grade)
Tip	Snap-off
Colour (standard)	White
Printable	1 colour

STANDARD REFERENCE(S)

APPLISIL [®] TU3A SINGLE-DOSE TUBE		
Item code	Volume (ml)	Length (mm)
17031400*	1	60
1ATU0002	5	110

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

OPTIONS

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

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APPLISIL® SA4A

SPATULA

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CUTANEOUS ROUTE

The ergonomically designed APPLISIL® spatula is used to apply creams and gels. It is suitable for cosmetic use.

PRODUCT INFORMATION

Material	PS ½ impact
Type	Small and large models
Colour (standard)	White

STANDARD REFERENCE(S)

APPLISIL® SA4A SPATULA	
Item code	Length (mm)
1ASA0028	70
1ASA1097	110

**OPTIONS**

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

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APPLISIL[®] AA6A

32

OPHTHALMIC FORCEPS

OCULAR ROUTE*Customer-specific product*

The APPLISIL[®] ophthalmic forceps is an ergonomic solution used for the accurate application of eye tablets in the treatment of eye disorders. Our range of ocular applicators is adaptable to your requirements and can be customised.

PRODUCT INFORMATION

Material	PE or PP
Colour (standard)	Natural
Use	For eye tablet applications and cataract treatment
Certification and approvals	Pharmacopoeia grade materials

QUALITY

- > UDI traceability management (MDR compliance)
- > Delegation of controls

FULL SERVICE

- > Optimised automated or manual assembly
- > In-house EtO sterilisation

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OPTIONS

- Specific colour as per Pantone
- Packaging: bulk, individual bag

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APPLISIL® CA7A

CANNULA

33

UROLOGICAL ROUTE

The APPLISIL® urological cannula is an ergonomic solution for the topical application of medicinal creams, gels or pastes. Easily screwed onto a M9 tube for improved use and hygiene.

PRODUCT INFORMATION

Material	PE (pharmacopoeia grade)
Colour (standard)	White

STANDARD REFERENCE(S)

APPLISIL® CA7A SPATULA				
Item code	Material	Colour	Length (mm)	Diameter (mm)
5MCA0001	PE	Natural	30	14

**OPTIONS**

- Specific colour as per Pantone
- Packaging: bulk, blister pack

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SPRAYLINE[®]



RESPIRATORY DEVICES

ENT / PULMONARY ROUTE

- **SPRAYLINE® NS2A** NEBULIZER PAGE 36
- **SPRAYLINE® PS3A** ATOMISER PAGE 36
- **SPRAYLINE® IS1A** INHALER PAGE 36

SPRAYLINE® NS2A, PS3A, IS1A

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NEBULIZER, ATOMISER, INHALER

ENT / PULMONARY ROUTE



Customer-specific products

The **SPRAYLINE®** nebulizer, atomiser and inhaler devices are used in ENT, sinus and asthma treatment. These customised products have been developed in cooperation with our customers.

PRODUCT INFORMATION

Material	PE or PP
Technical characteristics	Nasal lavage, absorption through the nose and/or mouth ENT, sinus, asthma treatment, etc.
Customisation	Specific colour as per Pantone: please contact us Specific packaging

BENEFITS

- > Range adaptable to your requirements and specifications
- > Food and/or pharmacopoeia grade materials

QUALITY

- > UDI traceability management (MDR compliance)
- > Delegation of controls

FULL SERVICE

- > Optimised automated or manual assembly
- > Customised labelling or packaging
- > Sterilisation

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UP'PHARM[®]

PRIMARY AND SECONDARY PHARMACEUTICAL PACKAGING

ORAL OR OCULAR ROUTE

- **UP'PHARM® BU3A** BOX AND PILL BOX PAGE 40
- **UP'PHARM® EM6A** SECONDARY PACKAGING PAGE 41
- **UP'PHARM® TU1A, TU2A** DOSE TUBE, DISPENSER TUBE PAGE 42
- **UP'PHARM® BU6A** DISPENSER, SPOOL AND SLEEVE PAGE 43
- **UP'PHARM® BU5A** EYE DROP STOPPER PAGE 44
- **UP'PHARM® FU5A** BOTTLE PAGE 45

UP'PHARM[®] BU3A

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BOX AND PILL BOX

ORAL ROUTE



RECTANGULAR



ROUND



RECTANGULAR WITH
COMPARTMENTS

UP'PHARM[®] primary packaging boxes have been developed for industry. They are used as packaging for pastilles, dressings, pillboxes, etc.

BENEFITS

Products adaptable to your needs in terms of design to meet all your requirements and specifications. Optional tamper-proof and sealed boxes.

FULL SERVICE

- > Manual assembly
- > Customised labelling or packaging

OPTIONS

- Specific colour as per Pantone
- Packaging: bulk, individual bag

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UP'PHARM[®] EM6A

SECONDARY PACKAGING

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UP'PHARM[®] secondary packaging has been developed for the medical industries. They are used as packaging for implants.

PRODUCT INFORMATION

> Material: PP

TECHNICAL EXPERTISE

Environment adapted to biocontamination requirements

BENEFITS

Flexibility, Management of small and medium-sized production runs

FULL SERVICE

- > Optimised manual assembly
- > Customised labelling or packaging
- > Sterilisation

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Customer-specific products

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UP'PHARM[®] TU1A, TU2A

DOSE TUBE, DISPENSER TUBE

ORAL ROUTE



UP'PHARM[®] tubes are primary packaging developed for homoeopathy. They are used as dose tubes and dispenser tubes for 1 to 6 granules.

CHARACTERISTICS

Material	PP or PE (food and/or pharmacopoeia grade)
Dispensing	1 by 1 pill (for the "one by one" dispenser tube) 6 by 6 pills (for the "6 by 6" dispenser tube) Minimum granule size: grade 5 (3 mm diameter)
Dimension(s)	Tailor-made to meet all your requirements and specifications
Colour(s)	To your specifications

FULL SERVICE

- > Optimised automated or manual assembly
- > Customised labelling or packaging

OPTIONS

- Specific colour as per Pantone
- Packaging: bulk

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UP'PHARM® BU6A

DISPENSER, SPOOL AND SLEEVE

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*Customer-specific products*

UP'PHARM® dispensers, spools and sleeves are secondary packaging developed for the pharmaceutical industry. They are used for packaging dressings, adhesive bandages and pads.

CHARACTERISTICS

Material	PS (food grade)
Dimension(s)	Tailor-made to meet all your requirements and specifications
Colour(s)	To your specifications

BENEFIT

Range of products adaptable to your requirements and specifications

FULL SERVICE

- > Optimised manual assembly
- > Customised labelling or packaging

OPTIONS

- Specific colour as per Pantone
- Packaging: bulk, individual bag

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UP'PHARM[®]BU5A

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EYE DROP STOPPER

OCULAR ROUTE



UP'PHARM[®] eye drop stoppers fit diameter dropper bottles.

CHARACTERISTICS

Material	PP (food and/or pharmacopoeia grade)
Dimension(s)	Outer diameter: 17.20 mm Total height: 2.30 mm
Colour(s)	To your specifications

QUALITY

- > UDI traceability management (MDR compliance)
- > Delegation of controls

FULL SERVICE

- > Customised labelling or packaging

OPTIONS

- Specific colour as per Pantone
- Packaging: bulk

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UP'PHARM[®] FU5A

BOTTLE

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*Customer-specific products*

UP'PHARM[®] bottles are primary packaging developed for the pharmaceutical industry. Bottles manufactured by injection blowing in an ISO7 environment

CHARACTERISTICS

Material	PP or PE (pharmacopoeia grade)
Dimension(s)	Tailor-made to meet all your requirements and specifications
Colour(s)	To your specifications
Possible volume range	from 5 to 50 ml

BENEFITS

- > Range adaptable to your requirements and specifications
- > Injectable, ophthalmic and ENT use

FULL SERVICE

- > Customised labelling or packaging
- > Sterilisation

OPTIONS

- Specific colour as per Pantone
- Packaging: bulk, welded liner

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MEDIC'UP[®]



DEVICES FOR DRUG TRANSFER, INJECTION AND RECONSTITUTION PARENTERAL ROUTE

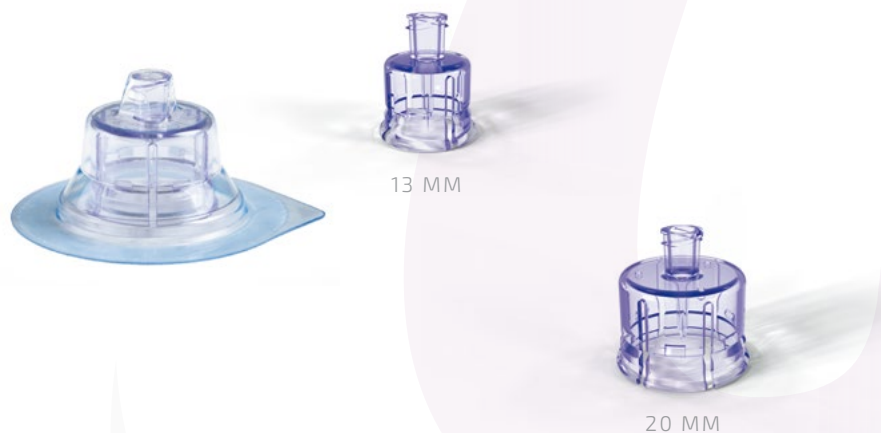
-
- **MEDIC'UP® VA1A** VIAL ADAPTER PAGE 48
 - **MEDIC'UP® VA2A** VIAL TO VIAL PAGE 49
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 - **MEDIC'UP® SNIPGUARD** INSULIN PEN NEEDLE RETRIEVAL SYSTEM PAGE 51
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 - **MEDIC'UP® JM4A** PLUNGER ROD PAGE 53
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MEDIC'UP[®] VA1A

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VIAL ADAPTER

PARENTERAL ROUTE



MEDIC'UP[®] vial adapters allow medicines to be transferred quickly and easily. This single-use, sterile device prevents needle pricks and reduces the risk of contamination when reconstituting medicines.

CHARACTERISTICS

Spike	Made of plastic, allowing the rubber stopper penetration without deformation or chipping
3 Holes	> Optimises rinsing, liquid injection and aspiration of the reconstituted medicine
Luer-Lock	Female connector > ISO 80369-compatible guide system allowing perfect central penetration of the spike at the level of the vial's rubber stopper
Benefit(s)	> Compatible with all Ø20 and Ø13 bottlenecks > Permanent clip function on the bottleneck > Moulded in Polycarbonate > Sterilised by Gamma irradiation

STANDARD REFERENCE(S)

MEDIC'UP [®] VIAL ADAPTER			
Item code	Vial diameter (mm)	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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MEDIC'UP[®] VA2A

VIAL TO VIAL CONNECTING DEVICE

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PARENTERAL ROUTE

The MEDIC'UP[®] vial to vial connecting device makes it quick and easy to connect two Vial Adapters.

CHARACTERISTICS

Spike	Made of plastic, allowing the rubber stopper penetration without deformation or chipping
3 Holes	<ul style="list-style-type: none"> > Facilitates the transfer of mixtures between two bottles > Optimises rinsing, liquid transfer and aspiration of the reconstituted medicine
Luer-Lock	ISO 80369-compatible male and female connectors
Benefit(s)	<ul style="list-style-type: none"> > Guide system allowing perfect central penetration of the tip at the level of the vial's rubber stopper > Compatible with all Ø20 and Ø13 bottlenecks > Permanent clip function on the bottleneck > Moulded in Polycarbonate > Sterilised

STANDARD REFERENCE(S)

MEDIC'UP [®] VIAL TO VIAL		
Item code*	Diameter of male Luer vial (mm)	Diameter of female Luer vial (mm)
23602000*	20	20/13

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



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MEDIC'UP[®] VA3A

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TRANSFER DEVICE VIAL TO IV BAG

PARENTERAL ROUTE



The MEDIC'UP[®] transfer device vial to IV Bag is a needleless transfer device for connecting a vial of medication to an IV bag with a rubber inlet.

CHARACTERISTICS

Double spike	<ul style="list-style-type: none"> > Plastic for chip-free, distortion-free penetration of the rubber stopper on the vial and infusion bag
Benefit(s)	<ul style="list-style-type: none"> > Guide system allowing perfect central penetration of the tip at the level of the vial's rubber stopper > Facilitates mixture transfer and return > Optimises liquid transfer, rinsing and aspiration of the reconstituted medicine > Compatible with all Ø20 bottlenecks > Permanent clip function on the bottleneck to ensure single use of the transfer and a good hold during use > Sterilised by Gamma irradiation

STANDARD REFERENCE(S)

MEDIC'UP [®] VIAL TO IV BAG		
Item code	Vial diameter (mm)	Height (mm)
23603000*	20	34

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

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MEDIC'UP® SNIP GUARD

INSULIN PEN NEEDLE RETRIEVAL SYSTEM

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PARENTERAL ROUTE

The MEDIC'UP® SNIPGUARD is a safety device for recovering needles from injection pens. It has been developed for multi-purpose use: home care, medical health centres and hospitals.

CHARACTERISTICS

Versions	> For multiple "CONTAINER" uses > "SINGLE USE"
Benefits	> Simple and easy to use > Suitable for all pens on the market

STANDARD REFERENCE(S)

MEDIC'UP® SNIPGUARD			
Item code	Vial volume (ml)	Bottleneck diameter (mm)	Needle capacity
SECN0001	-	-	1
SEFL0009	250	41.6	120



SNIP GUARD
"SINGLE USE"
SINGLE USE
(1 NEEDLE)



SNIP GUARD
"CONTAINER"
FOR MULTIPLE USES
(25 AND 120 NEEDLES)

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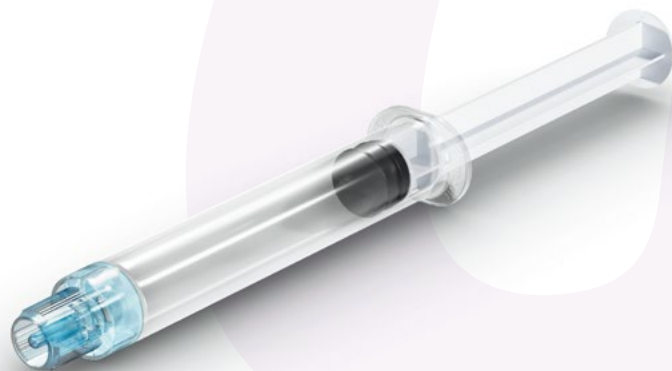
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MEDIC'UP[®] JM3A

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PRE-FILLED SYRINGE

PARENTERAL ROUTE



Customer-specific product

MEDIC'UP[®] pre-filled syringes are used to inject medical solutions. Union Plastic has 20 years' experience in injectables and applies all its know-how to design and develop specific products with our customers.

CHARACTERISTICS

Material	PP, COC
Dimension(s)	Tailor-made to meet all your requirements and specifications
Volume(s)	From 1 to 10 ml
Colour(s)	Plunger and barrel colour on request
Versions	LUER, LUER Lock and NRFIT connections

MANUFACTURE

- > This range can be adapted to your requirements and specifications
- > ISO8 and ISO7 manufacturing environment

CUSTOMISED SERVICE

- > Customised printing (logo, graduation, colour)
- > Sterilisation management
- > Logistical and regulatory aspects

PACKAGING (ACCORDING TO VOLUME)

- > Single to triple liner
- > Tie or weld closing
- > Nest filling

DO YOU HAVE A NEW PROJECT? CONTACT OUR TEAMS

Union Plastic supports you in all your new developments.

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MEDIC'UP[®] JM4A

PLUNGER ROD

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PARENTERAL ROUTE

MEDIC'UP[®] plunger rods are designed to be integrated into the barrels of injectable syringes on the market.

CHARACTERISTICS

Material	Food contact or Pharmacopoeia
Dimension(s)	Tailor-made to meet all your requirements and specifications
Colour(s)	Plunger colouring
Versions	Harpoon, clip or threaded tips

MANUFACTURE

- > This range can be adapted to your requirements and specifications
- > Very large production run management
- > Technical expertise: Staged multi-cavity mould
- > ISO9 production environment

CUSTOMISED SERVICE

- > Customised printing (logo, graduation, colour)
- > Sterilisation management
- > Logistical and regulatory aspects

PACKAGING

- > Bulk



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MEDIC'UP[®] JM5A

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TUB AND NEST

PARENTERAL ROUTE



MEDIC'UP[®] tubs and nests are used as a packaging set for syringe barrels.

CHARACTERISTICS

Material	PP, PET
Dimension(s)	Tailor-made to meet all your requirements and specifications
Colour(s)	Natural
Benefit(s)	Closed with tyvek or lid

STANDARD REFERENCE(S)

MEDIC'UP [®] TUB AND NEST				
Item code	Material	Length (mm)	Width (mm)	Height (mm)
1MSU1180	PP	230.2	198.5	17.5
6MBI1185	APET	260	227	9

MANUFACTURE

> Technical expertise: Thermoforming

PACKAGING

> Individual liner and carton, box

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SERVICES



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- **PACKAGING** PAGE 58
 - **PRINTING** PAGE 58
 - **FULL SERVICE** PAGE 59

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 (numeric)

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
- Research and qualification of back-up material
- Quality control delegation
- Product regulatory registration
- Welding

STERILISATION

Offer of services including qualifications:

- > Gamma
- > ETO in-house
- > Autoclave



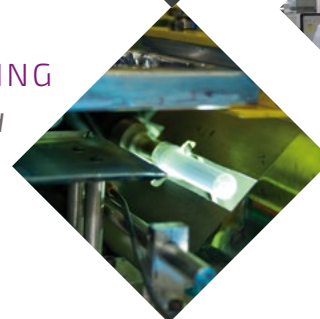
INTERNAL BIOBURDEN CONTROL

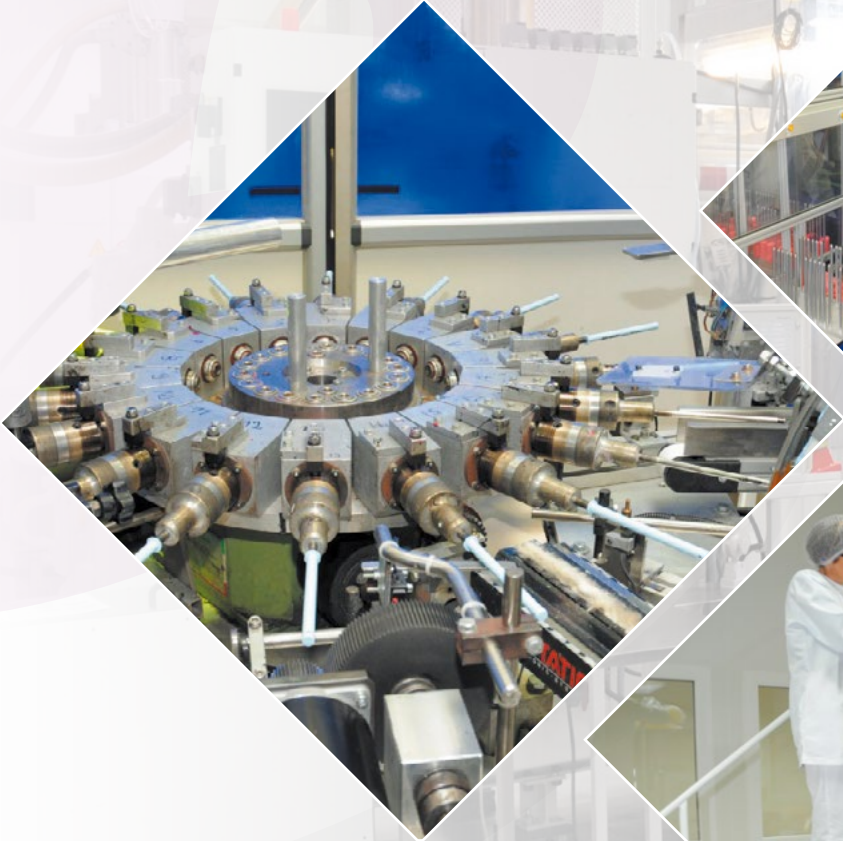
- > Periodic or systematic sampling
- > Load mapping and cycle qualification



WELDING

- > Ultrasound
- > Laser







U **Union**
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HEALTH ONLY

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GLOBAL EXPERT
FOR HEALTHCARE INDUSTRIES



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