



STOELZLE PHARMA
HEALTH & SAFETY

GLASS PACKAGING SOLUTIONS

FOR HEALTHY PRODUCTS



”

THE SPECIALIST
FOR HIGH-END
PACKAGING GLASS.





IN SAFE
HANDS WITH
STOELZLE.

| | |
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We regret any errors in our product specifications. However, claims resulting from such errors cannot be accepted.



STOELZLE GLASS GROUP

YOUR PARTNER FOR SECURE GLASS PACKAGING SOLUTIONS

Stoelzle Pharma is part of the internationally active, family run Stoelzle Glass Group, which can rely on more than 200 years of expertise as a manufacturer of high-end glass containers. Its vast assortment includes premium glass products for the pharmaceutical, prestige spirits and food industry as well as for perfumery and cosmetic goods.

Stoelzle Pharma produces first-class pharmaceutical primary packaging made of type 2 and type 3 moulded glass in accordance with ISO 15378 GMP. We meet the highest hygiene and quality standards to ensure safe products for our customers and their patients.

OUR VISION

Our aim is to be the first choice partner for both our customers and our employees, through establishing a culture of reciprocal trust and by striving for first class performance, flexibility and reliability. This will earn and enable us to sustain a leading role in the markets.

OUR VALUES

We believe in utmost product quality, brilliant design and high usability in all our business fields. We work closely with our customers, suppliers and partners. It is our top priority to be transparent, respectful, open minded, and flexible in order to create stunning bottles for all our customers.



”

WE ARE PROUD TO
MANUFACTURE BESPOKE HIGH-
QUALITY PACKAGING FROM
THE INERT AND PERMANENT
MATERIAL GLASS.

DI Georg Feith, MBA
CEO, Stoezle Glass Group



”

SIGNIFICANT INVESTMENTS
IN R&D, STATE-OF-THE-ART-
TECHNOLOGIES AND EXPERT
STAFF ARE OUR KEY TO
FUTURE SUCCESS.

DI (FH) Alexander Stern
CSCO Stoezle Glass Group & Head of Pharma Business Unit

LOCATIONS

STOELZLE AROUND THE WORLD

The Stoelzle network comprises seven manufacturing plants, three decoration sites and several sales offices worldwide.

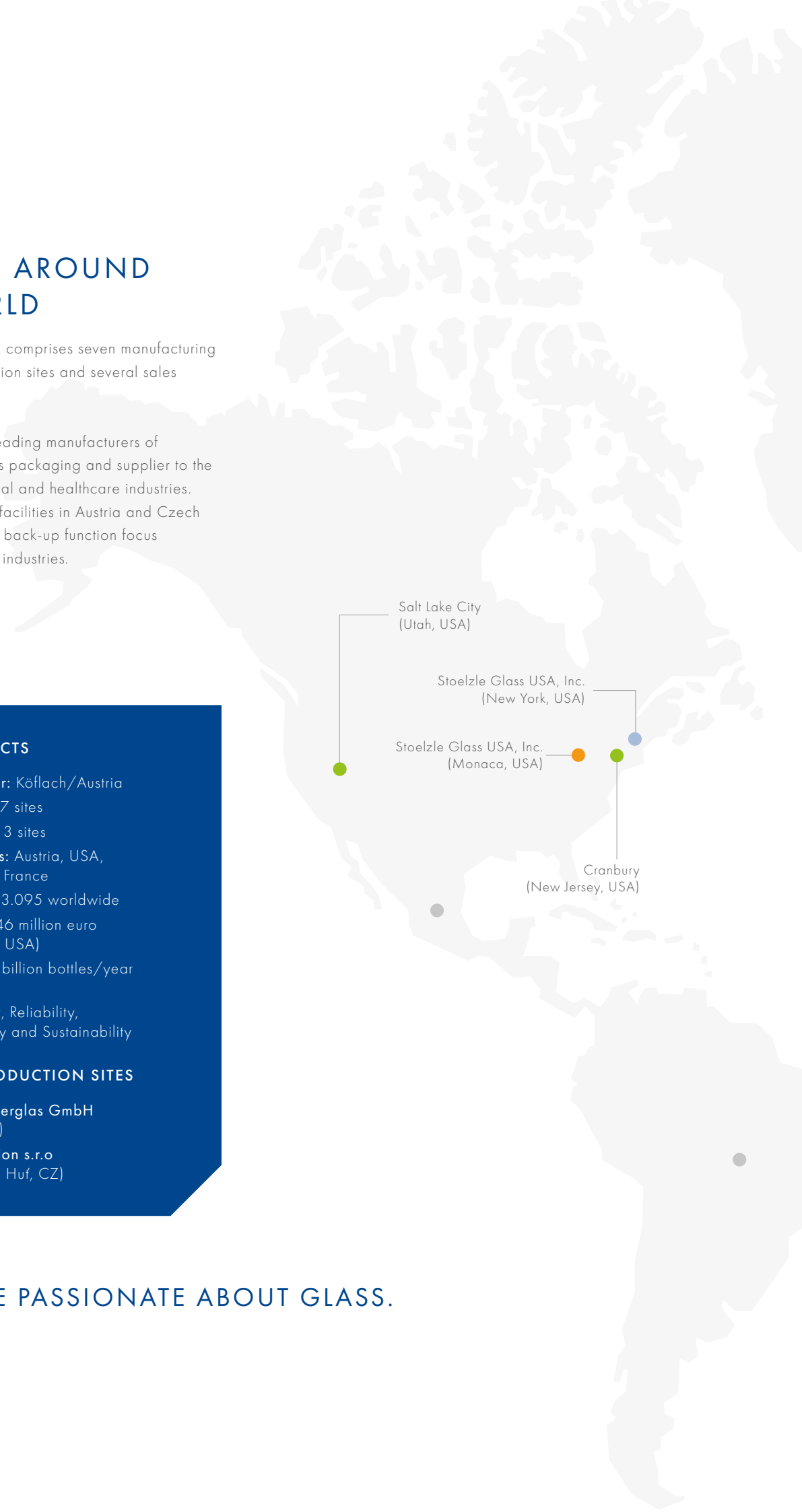
We are one of the leading manufacturers of pharmaceutical glass packaging and supplier to the global pharmaceutical and healthcare industries. Our two production facilities in Austria and Czech Republic with mutual back-up function focus specifically on these industries.

STOELZLE FACTS

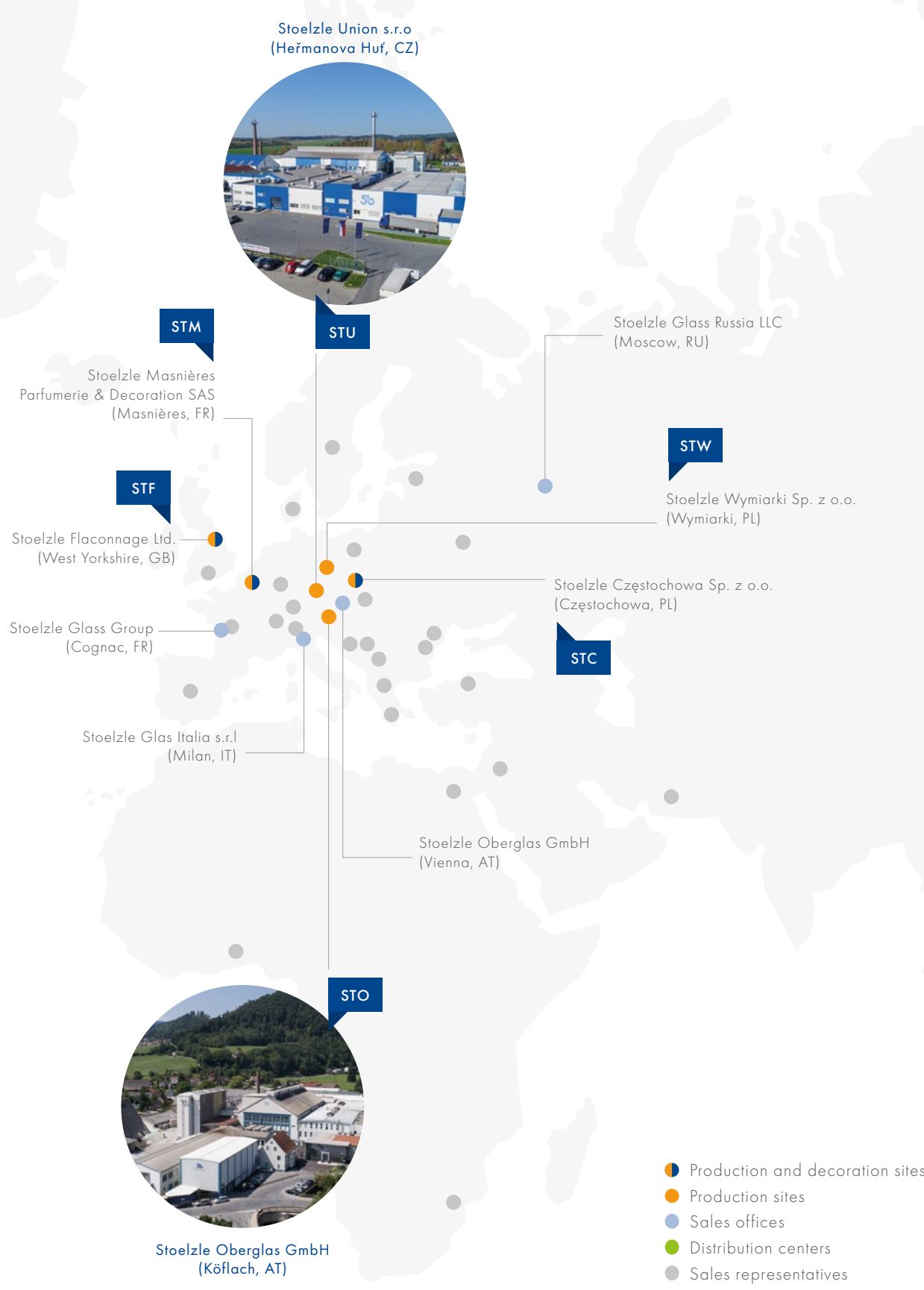
- + **Headquarter:** Köflach/Austria
- + **Production:** 7 sites
- + **Decoration:** 3 sites
- + **Sales offices:** Austria, USA, Russia, Italy, France
- + **Employees:** 3.095 worldwide
- + **Turnover:** 346 million euro (2020, excl. USA)
- + **Output:** 3.4 billion bottles/year (excl. USA)
- + **Values:** Trust, Reliability, Transparency and Sustainability

PHARMA PRODUCTION SITES

- + **Stoelzle Oberglas GmbH** (Köflach, AT)
- + **Stoelzle Union s.r.o** (Heřmanova Huť, CZ)



” WE ARE PASSIONATE ABOUT GLASS.



PROTECTING PEOPLE & ENVIRONMENT

OUR SUSTAINABLE WAY

Our products are produced with sustainability and maximum safety in mind. We take our responsibility seriously. Our approach protects what matters: people and the environment.

We evaluate and optimize environmental impact as well as energy consumption in all aspects, respect the legal regulations in the field of energy consumption and make a significant contribution to the environment because of continuous improvements and innovations.

Due to the strong environmental awareness and high quality standards in manufacturing glass packaging, we obtained numerous certificates.

CERTIFICATIONS

- + ISO 14001
(Environmental Management System)
- + ISO 50001
(Energy Management System)



Awarded gold for excellent  CSR engagement.



GLASS IS 100 % ...



Inert: Glass is impermeable and highly inert – it will not form any compounds with its contents.



Recyclable: Glass can be recycled infinite times without losing quality. This saves energy, raw materials and reduces emissions.



Tasteless: Consumers usually prefer glass packaging as it does not distort the flavor of content it contains.



Natural: Glass is entirely produced by natural materials. Therefore glass packaging secures customers health.

QUALITY MANAGEMENT

IN SAFE HANDS WITH STOELZLE

Our bottles are part of the final medicinal product – that’s why quality and product safety are the most important prerequisites for Stoelzle.

Both the production and quality controls of our production facilities are subject to strict guidelines. Therefore we have globally standardized and established an Integrated Quality Management System across our sites. This enables us to fulfill and surpass our customers’ quality expectations.



CERTIFICATIONS

- + ISO 9001
- + ISO 15378 (GMP)
- + Active Drugmaster File at FDA and Canada
- + BRC IOP Food packaging Standard



KNOWLEDGE IS STRENGTH

CONTINUOUS IMPROVEMENT

We are not satisfied with the status quo, so we are pushing both basic and applied research to gain new knowledge in the field of glass manufacturing.

The Stoelzle Research & Development team has set its focus on continuous improvement, the quality of our glass and the production processes, as well as reducing the energy consumption and CO₂ footprint in all our manufacturing sites.



STOELZLE RESEARCH & DEVELOPMENT

- + Increased use of cullet to save energy and lower emissions
- + Increased use of secondary materials
- + Participation in international research projects on glass development
- + State-of-the-art glass laboratory
- + Constant improvement of processes and implementation of new technologies

TYPE 2 GLASS VIALS

ECOSECUR

A new, innovative process enables reliable and precise dosing tailored to the size of the glass. In this liquid treatment, fewer chemicals are used and there are no toxic substances. At the same time, we can guarantee the highest product quality and increased work safety through lower contamination during the production process as well as safe storage and handling of raw materials. With EcoSecur injection and infusion vials Stoelzle Pharma has reinvented type 2 glass for parenteral and non-parenteral applications.



Process stability offers our highest product quality for smaller (starting with 6 ml) and bigger vials through automated, consistent and precise treatment solution dosing.



Superior glass quality increases product safety through automated process controls and 100 % treatment detection.



Minimised environmental impact is achieved through precise and optimal dosage of ammonium sulfate – as much as necessary, as little as possible.



Improved hydrolytic resistance suitable for most acidic and neutral aqueous preparations.

INNOVATIVE
TECHNIQUE
USING A LIQUID
AGENT FOR
INNER SURFACE
TREATMENT.



EVERYTHING YOU NEED IN ONE PLACE

ONE STOP SHOP

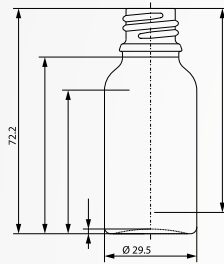
Our customers are at the heart of our decision-making. It is our business to provide comprehensive solutions with extra services and value-added offerings. We develop products together with you, take care of the individual decoration, find the appropriate closure and, if needed, offer customer-specific packaging. Take advantage of our offer and benefit from our experience.

- + Product development
- + Decoration
- + Caps & closures
- + Packaging

STEP BY STEP TO YOUR TAILOR-MADE PRODUCT



→ IDEA



DRAWING



3D-MODEL



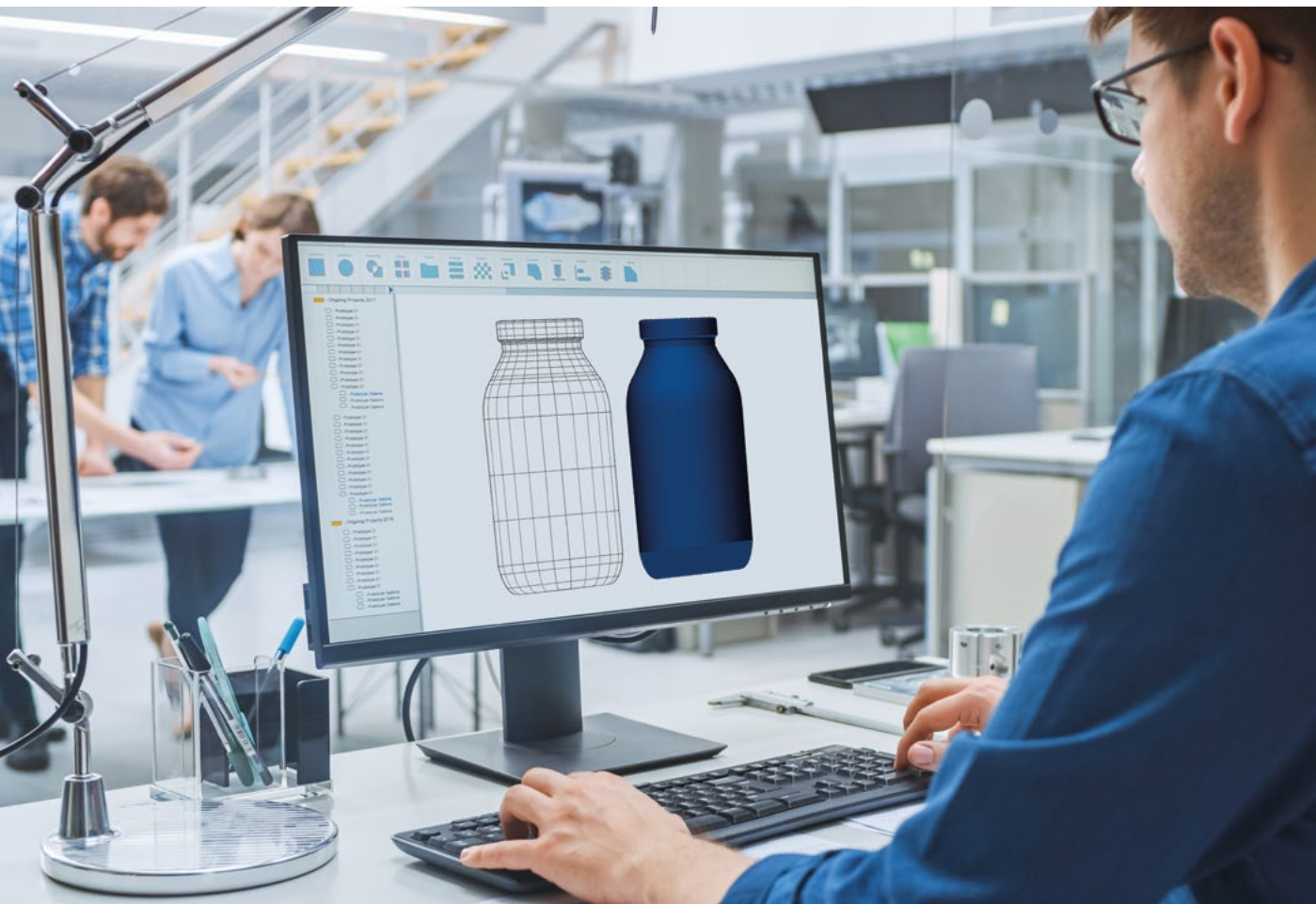
SAMPLING



DECORATION



CLOSURES



YOUR IDEAS BECOME REALITY

DESIGN & PRODUCT DEVELOPMENT

Give your product the special edge it needs and give yourself a strategic advantage. With a unique design, you can create an outstanding product with a clear identity. Develop distinctive products with the help of our experienced team and benefit from the advantages of our skills.

#1 – IDEA

Can't you find the right item in our product range? No problem – tell us about your requirements and ideas. With our know-how we convert your idea into an individual product.

#2 – DRAWING

The best starting point for a new development is a technical drawing. These are made based on your specification and taking into account all technical details.

#3 – 3D MODEL

State-of-the art 3D printers make it possible to visualize your ideas. Upon request we can create 3D prototypes of your very own design!



MAKE YOUR PRODUCT UNIQUE DECORATION

At our three in-house decoration sites, we refine bottles to convey emotions and product ideas. Alongside traditional techniques, we also offer modern, innovative and sustainable options, such as recycled ink printing from rubber waste.

SPRAYING

Colour is applied using spray technology. We offer a variety of colour options from glossy to satin, opaque to transparent and special effects.

PRINTING

Precise decoration through single or multi-coloured screen printing. A variety of colour systems can be used: organic inks, UV-inks, enamel or recycled ink from rubber waste.

FROSTING

This process gives the glass a matt surface. Frosted glass can be further decorated by screen printing and hot stamping.

MORE ABOUT ALL
OUR DECORATIONS
TECHNIQUES



CHOOSE YOUR PERFECT COMBO

CAPS & CLOSURES

Stoelzle Pharma is a supplier of complete packaging systems, including appropriate caps, closures and inserts for pharmaceutical products and goods for well-being such as nutraceuticals, cosmeceutical or CBD.

WE OFFER:

- + Comprehensive advice
- + Bottles & closures from one source
- + Carefully selected closure manufacturers as partners
- + Traceable and documented production chain



HIGH-QUALITY PHARMACEUTICAL GLASS PACKAGING
FIELDS OF APPLICATION



RX BOTTLES

Our RX portfolio represents a wide range of high quality type 2 and type 3 moulded glass bottles for prescription drugs for human and veterinary medicine.



OTC BOTTLES

Our OTC range offers a large selection of pharmaceutical glass containers in a variety of shapes and sizes for housing over the counter medicines.



WELL-BEING PRODUCTS

Our Well-being range offers sustainable glass packaging ideal for holding natural products for a balanced lifestyle.



DROPPER BOTTLES

Our dropper bottles, made of type 3 glass, are available from 2.5 ml to 100 ml in amber and flint glass. Dropper bottle packaging is used for prescription drugs, OTC medicines and for well-being products such as CBD oils, essential oils, homeopathy, aromatherapy, dietary supplements and cosmetics.

DROPPER



| Art.-No. | 69120 | 72744 | 35039 | 74142-12 | 73855 | 73413 |
|----------------|-------------------|-------------------|-------------------|-------------------|-----------------------------|-------------------|
| Volume (ml/oz) | 2.5/0.08 | 5/0.17 | 7/0.24 | 10/0.34 | 10/0.34 | 10/0.34 |
| Brimful (ml) | 6 | 8.5 | 9 | 12 | 13 | 14 |
| Weight (g) | 23 | 20 | 25 | 32 | 26 | 23 |
| Height (mm) | 44.7 | 50 | 56.5 | 63.7 | 62.3 | 59.2 |
| Size/Ø (mm) | 24 | 22.5 | 23 | 24.2 | 23.8 | 25 |
| Neck finish | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18), Secro 88 | GL 18 (DIN 18) |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● ● |

DROPPER



| Art.-No. | 72722 | 74142-14 | 69003 | 69018 | 35021 | 69044 |
|----------------|-------------------|-------------------|------------------------|---------|---------|-------------------|
| Volume (ml/oz) | 10/0.34 | 10/0.34 | 10/0.34 | 10/0.34 | 10/0.34 | 10/0.34 |
| Brimful (ml) | 14 | 14 | 14.5 | 14.5 | 15 | 16 |
| Weight (g) | 28 | 27 | 22.5 | 22.5 | 24 | 24 |
| Height (mm) | 60.7 | 63.7 | 50.5 | 52.5 | 60.5 | 63.2 |
| Size/Ø (mm) | 25 | 24.2 | 28 | 28 | 26 | 25 |
| Neck finish | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 Sano, Special | Special | GH 18 | GL 18 (DIN 18) |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

Bottles are available in flint and amber glass. Green glass upon request. If on stock MOQ 1 palette, subject to availability. Please contact your local sales manager for further details.



DROPPER

| Art.-No. | 72718 | 74330 | 72460 | 72447 | 72722 | 73291 |
|----------------|---------|----------------|--------|----------------|----------------|-------------------------|
| Volume (ml/oz) | 10/0.34 | 15/0.5 | 15/0.5 | 15/0.5 | 15/0.5 | 20/0.68 |
| Brimful (ml) | 15 | 18 | 20 | 20 | 20 | 24.5 |
| Weight (g) | 24.5 | 34 | 27 | 27 | 32 | 31 |
| Height (mm) | 58.5 | 69.2 | 61.5 | 62.2 | 65.2 | 74.7 |
| Size/Ø (mm) | 25.5 | 26.7 | 28.5 | 28 | 28.5 | 28 |
| Neck finish | PP 18 | GL 18 (DIN 18) | PP 18 | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18), Snap On |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



DROPPER

| Art.-No. | 74226 | 72879 | 72722 | 35042 | 73855 | 73855 |
|----------------|----------------|---------|----------------|----------------|--------------------------|--------------------------|
| Volume (ml/oz) | 20/0.68 | 20/0.68 | 20/0.68 | 20/0.68 | 20/0.68 | 25/0.85 |
| Brimful (ml) | 25 | 26 | 25 | 25 | 25 | 30 |
| Weight (g) | 37 | 31 | 38.5 | 30 | 39 | 39 |
| Height (mm) | 57.7 | 67.7 | 72.2 | 75 | 75.5 | 76.5 |
| Size/Ø (mm) | 28.8 | 30 | 29.5 | 28.5 | 28.8 | 30.4 |
| Neck finish | GL 18 (DIN 18) | PP 18 | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18), Secro 88 | GL 18 (DIN 18), Secro 88 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

DROPPER



| Art.-No. | 69023 | 72659 | 69058 | 73855 | 72722 | 35043 |
|----------------|----------------|----------------|--------|--------------------------|----------------|----------------|
| Volume (ml/oz) | 25/0.85 | 30/1 | 30/1 | 30/1 | 30/1 | 30/1 |
| Brimful (ml) | 31 | 35.5 | 35.5 | 35.5 | 36 | 36 |
| Weight (g) | 35 | 37 | 41 | 43 | 45 | 40 |
| Height (mm) | 71 | 72.7 | 73.2 | 79.4 | 80.2 | 80.5 |
| Size/Ø (mm) | 32.5 | 33.9 | 34 | 32.4 | 33 | 32 |
| Neck finish | GL 18 (DIN 18) | GL 18 (DIN 18) | PP 18 | GL 18 (DIN 18), Secro 88 | GL 18 (DIN 18) | GL 18 (DIN 18) |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

DROPPER



| Art.-No. | 72448 | 74540 | 72998 | 35044 | 35045 | 74139 |
|----------------|-------------------------|----------------|----------------|----------------|----------------|--------|
| Volume (ml/oz) | 30/1 | 30/1 | 40/1.35 | 40/1.35 | 50/1.7 | 50/1.7 |
| Brimful (ml) | 36 | 37 | 45 | 50 | 54 | 55.8 |
| Weight (g) | 43 | 47 | 52 | 50 | 58 | 60 |
| Height (mm) | 85.2 | 83.8 | 78.7 | 86 | 92 | 87 |
| Size/Ø (mm) | 31.8 | 32.2 | 37 | 36.5 | 36.5 | 38.8 |
| Neck finish | GL 18 (DIN 18), Snap On | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | PP 18 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



DROPPER

| Art.-No. | 73855 | 69013 | 72722 | 69024 | 73811 |
|----------------|----------|----------------|----------------|----------------|-------------------------|
| Volume (ml/oz) | 50/1.7 | 50/1.7 | 50/1.7 | 50/1.7 | 50/1.7 |
| Brimful (ml) | 56.5 | 57 | 58 | 59 | 61 |
| Weight (g) | 62 | 75 | 65 | 60 | 66 |
| Height (mm) | 88.5 | 110 | 91.7 | 90 | 92.9 |
| Size/Ø (mm) | 38.2 | 34 | 38 | 39 | 39 |
| Neck finish | Secro 88 | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18), Snap On |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



DROPPER

| Art.-No. | 72739 | 72325 | 72722 | 73855 |
|----------------|----------------|----------------|----------------|----------|
| Volume (ml/oz) | 100/3.4 | 100/3.4 | 100/3.4 | 100/3.4 |
| Brimful (ml) | 106 | 108 | 110 | 113 |
| Weight (g) | 100 | 95 | 108 | 85 |
| Height (mm) | 113.2 | 116.2 | 110.7 | 107.3 |
| Size/Ø (mm) | 45.3 | 45 | 47 | 46.5 |
| Neck finish | GL 18 (DIN 18) | GL 18 (DIN 18) | GL 18 (DIN 18) | Secro 88 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |



BOSTON ROUND BOTTLES

Our Boston round bottles, made of type 3 glass, are available from 0.4 oz (~ 12 ml) to 8oz (~ 23 ml) in amber and flint glass. Boston round glass bottles are used for prescription drugs, OTC medicines and for well-being products such as essential oils, CBD oils, homeopathy, aromatherapy, food supplements and cosmetics.

BOSTON ROUND



| Art.-No. | 73970 | 74007 | 74007 | 74007 | 74007 |
|----------------|------------|------------|------------------|------------|------------|
| Volume (ml/oz) | 13.3/0.45 | 29.6/1 | 59.1/2 | 88.7/3 | 118.3/4 |
| Brimful (ml) | 14.8 | 35.5 | 62.1 | 91.7 | 125.7 |
| Weight (g) | 28 | 43 | 56 | 82.5 | 97 |
| Height (mm) | 67.86 | 78.6 | 93.7 | 104 | 111.9 |
| Size/Ø (mm) | 24.6 | 32.5 | 38.1 | 44.1 | 48.4 |
| Neck finish | GPI 18-400 | GPI 20-400 | GPI 20-400, GL18 | GPI 22-400 | GPI 22-400 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

BOSTON ROUND



| Art.-No. | 68189 | 74407 | 69141 |
|----------------|------------|------------|------------|
| Volume (ml/oz) | 118.3/4 | 177.4/6 | 236.6/8 |
| Brimful (ml) | 125.7 | 189.3 | 260.2 |
| Weight (g) | 97 | 165 | 199 |
| Height (mm) | 111.9 | 127.4 | 151.6 |
| Size/Ø (mm) | 48.4 | 56.7 | 61.1 |
| Neck finish | GPI 24-400 | GPI 24-400 | GPI 24-400 |
| Glass type | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● |



SYRUP BOTTLES

Our syrup bottles, made of type 3 glass, are available from 30 ml to 1.000 ml in amber and flint glass. Syrup bottles are used for prescription drugs, OTC medicines and for well-being products such as natural products and food supplements.

SYRUP



| Art.-No. | 74568 | 72434 | 74229 | 72434 | 72434 | 69011 |
|----------------|---------|---------|---------|---------|---------|---------|
| Volume (ml/oz) | 30/1 | 30/1 | 40/1.35 | 60/2 | 90/3 | 100/3.4 |
| Brimful (ml) | 35 | 37 | 44.5 | 67.5 | 97.5 | 108 |
| Weight (g) | 47 | 39 | 47 | 60 | 69 | 68 |
| Height (mm) | 70.5 | 67 | 69.85 | 94 | 103.1 | 104.8 |
| Size/Ø (mm) | 34.2 | 35 | 38.35 | 38.6 | 43.9 | 46.1 |
| Neck finish | PP 28 S | PP 28 S | PP 28 S | PP 28 S | PP 28 S | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

SYRUP



| Art.-No. | 72434* | 69036 | 72434** | 72434 | 69135 | 72434 |
|----------------|---------|---------|---------|---------|--------|----------|
| Volume (ml/oz) | 100/3.4 | 105/3.6 | 125/4.2 | 150/5 | 150/5 | 180/6.09 |
| Brimful (ml) | 108 | 115 | 133 | 158 | 169 | 189 |
| Weight (g) | 72 | 73 | 88 | 98 | 122 | 110 |
| Height (mm) | 104.8 | 109 | 114.4 | 122.8 | 117 | 129.9 |
| Size/Ø (mm) | 46.1 | 46.1 | 49 | 51.6 | 54 | 54.7 |
| Neck finish | PP 28 S | PP 28 S | PP 28 S | PP 28 S | PP 35 | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

Also available with filling mark at: 50 mm* | 60 mm* | 70 mm* | 100 mm**

SYRUP



| Art.-No. | 72434 | 69122 | 69135 | 69096 | 72812 | 72434 |
|----------------|----------|----------|----------|----------|----------|---------|
| Volume (ml/oz) | 200/6.76 | 200/6.76 | 200/6.76 | 200/6.76 | 220/7.44 | 250/8.5 |
| Brimful (ml) | 209 | 213 | 220 | 225 | 228 | 263 |
| Weight (g) | 120 | 120 | 131 | 117.5 | 144 | 148 |
| Height (mm) | 133.3 | 133.3 | 132 | 134 | 148 | 142.9 |
| Size/Ø (mm) | 57 | 57 | 56.6 | 58.2 | 55 | 61.7 |
| Neck finish | PP 28 S | PP 28 S | PP 35 | PP 28 S | PP 24 | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

SYRUP



| Art.-No. | 69121 | 72434*** | 69097 | 72000 | 69135 | 72000 |
|----------------|---------|----------|---------|---------|--------|---------|
| Volume (ml/oz) | 250/8.5 | 300/10 | 500/17 | 500/17 | 500/17 | 1000/34 |
| Brimful (ml) | 280 | 315 | 520 | 520 | 530 | 1065 |
| Weight (g) | 155 | 170 | 240 | 285 | 247 | 605 |
| Height (mm) | 141.5 | 151.3 | 176.8 | 185.4 | 174.5 | 225.1 |
| Size/Ø (mm) | 61.7 | 65.6 | 76.8 | 75.5 | 76 | 96.5 |
| Neck finish | PP 35 | PP 28 S | PP 28 S | PP 28 S | PP 35 | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

Also available with filling mark at: 250 mm***



BRAZIL

| Art.-No. | 72960 | 72960 | 72960 | 72960 | 72960 | 72960 | 72960 |
|----------------|--------|--------|--------|--------|---------|----------|--------|
| Volume (ml/oz) | 30/1 | 50/1.7 | 60/2 | 80/2.7 | 100/3.4 | 120/4.06 | 150/5 |
| Brimful (ml) | 36 | 59 | 69.5 | 90.5 | 113 | 132.5 | 165.5 |
| Weight (g) | 39 | 48 | 54 | 70 | 75 | 90 | 95 |
| Height (mm) | 74 | 82.2 | 86 | 91.5 | 103 | 103 | 109.2 |
| Size/Ø (mm) | 33 | 39.6 | 41.8 | 46.4 | 49 | 52.2 | 56 |
| Neck finish | PP 24 | PP 24 | PP 24 | PP 24 | PP 24 | PP 24 | PP 24 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



VERAL

| Art.-No. | 72719 | 72719 | 72719 |
|----------------|----------------------|----------------------|----------------------|
| Volume (ml/oz) | 100/3.4 | 250/8.5 | 300/10 |
| Brimful (ml) | 118 | 283 | 336 |
| Weight (g) | 85 | 165 | 175 |
| Height (mm) | 96.95 | 132.5 | 134.5 |
| Size/Ø (mm) | 51.2 | 65.8 | 70.8 |
| Neck finish | Alcoa 28, PP 28 S | Alcoa 28, PP 28 S | Alcoa 28, PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● |



MEDICINE BOTTLES

Our medicine bottles, made of type 3 glass, are available from 30 ml to 300 ml in amber and flint glass. Medicine bottles are used for prescription drugs, OTC medicines and for well-being products such as natural products and food supplements.

MEDICINE



| Art.-No. | 73958 | 72756 | 35024 | 35047 | 35025 | 72765 |
|----------------|--------|--------|--------|--------|---------|--------|
| Volume (ml/oz) | 30/1 | 30/1 | 30/1 | 30/1 | 40/1.35 | 50/1.7 |
| Brimful (ml) | 35 | 36.5 | 39 | 41 | 55 | 60 |
| Weight (g) | 43 | 46 | 41 | 50 | 55 | 60 |
| Height (mm) | 78.85 | 74.11 | 82 | 66.5 | 69.4 | 75 |
| Size/Ø (mm) | 32.2 | 34.9 | 25 | 37 | 32 | 43 |
| Neck finish | PP 22 | PP 25 | GH 22 | GL 32 | GH 22 | GL 22 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

MEDICINE



| Art.-No. | 72365 | 72990 | 35027 | 74139 | 35028 | 72365 |
|----------------|---------------------|--------|--------|---------|---------|---------------------|
| Volume (ml/oz) | 50/1.7 | 60/2 | 65/2.2 | 100/3.4 | 100/3.4 | 100/3.4 |
| Brimful (ml) | 62 | 65 | 77 | 113.5 | 115 | 118 |
| Weight (g) | 63 | 57 | 74 | 98 | 100 | 90 |
| Height (mm) | 94.5 | 92.7 | 109 | 110.4 | 117 | 108.5 |
| Size/Ø (mm) | 37.7 | 38.6 | 40 | 47 | 47 | 48 |
| Neck finish | PP 28 S, Special | PP 25 | GH 22 | PP 24 | GH 22 | PP 28 S, Special |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



MEDICINE

| Art.-No. | 35050 | 72807 | 35031 | 35030 | 72365 | 35032 |
|----------------|---------|---------|---------|---------|-------------------------------------|---------|
| Volume (ml/oz) | 100/3.4 | 125/4.2 | 125/4.2 | 125/4.2 | 150/5 | 150/5 |
| Brimful (ml) | 120 | 135 | 135 | 145 | 174 | 175 |
| Weight (g) | 101 | 91 | 110 | 122 | 128 | 120 |
| Height (mm) | 104.5 | 116.5 | 121 | 122.5 | 120.9 | 126 |
| Size/Ø (mm) | 49 | 49.5 | 50 | 51.5 | 54 | 55 |
| Neck finish | GL 32 | PP 24 | PP 28 S | GH 22 | Captocap GC 28, PP 28 S, Special | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



MEDICINE

| Art.-No. | 69035 | 72365 | 72999 | 72365 | 72365 |
|----------------|---------|-----------------------------|----------|---------|--------------------|
| Volume (ml/oz) | 150/5 | 200/6.76 | 215/7.27 | 250/8.5 | 300/10 |
| Brimful (ml) | 180 | 230 | 225 | 286 | 342 |
| Weight (g) | 195 | 145 | 150 | 160 | 200 |
| Height (mm) | 154.3 | 133.5 | 127 | 138.4 | 155 |
| Size/Ø (mm) | 62 | 58.6 | 60.5 | 62.8 | 65 |
| Neck finish | PP 28 S | MCA 28, PP 28 S, Special | PP 24 | PP 28 S | MCA 28, PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



SHAPED BOTTLES

Our shaped bottles, made of type 3 glass, are available from 30 ml to 1.000 ml in amber and flint glass. Shaped bottles are used for prescription drugs, OTC medicines and for well-being products such as natural products and food supplements.

SHAPED



| Art.-No. | 73975 | 73975 | 73566 | 73566 | 91318 |
|----------------|----------------|----------------|---------|----------|---------|
| Volume (ml/oz) | 30/1 | 50/1.7 | 100/3.4 | 200/6.76 | 250/8.5 |
| Brimful (ml) | 33 | 54 | 109 | 220 | 265 |
| Weight (g) | 54 | 63 | 125 | 210 | 235 |
| Height (mm) | 88.15 | 103.7 | 129.4 | 160.7 | 151.9 |
| Size/Ø (mm) | 38/22 | 43/24.5 | 52/30.5 | 64/37.5 | 74/46 |
| Neck finish | GL 18 (DIN 18) | GL 18 (DIN 18) | PP 28 S | PP 28 S | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | □ | □ | □ | □ | □ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

SHAPED



| Art.-No. | 73566 | 91318 | 73566 | 91318 |
|----------------|-----------|---------|-----------|---------|
| Volume (ml/oz) | 250/8.5 | 500/17 | 500/17 | 1000/34 |
| Brimful (ml) | 273 | 520 | 540 | 1028 |
| Weight (g) | 240 | 465 | 435 | 725 |
| Height (mm) | 169.9 | 182.4 | 210.9 | 227.6 |
| Size/Ø (mm) | 69.5/41.2 | 88/58 | 87.8/51.8 | 102/75 |
| Neck finish | PP 28 S | PP 28 S | PP 28 S | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | □ | □ | □ | □ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |



MEPLAT

| Art.-No. | 35091 | 69105 | 69102 | 69105 |
|----------------|---------|--------------|----------|-----------------|
| Volume (ml/oz) | 100/3.4 | 100/3.4 | 200/6.76 | 250/8.5 |
| Brimful (ml) | 110 | 113 | 209 | 266 |
| Weight (g) | 135 | 129 | 225 | 260 |
| Height (mm) | 139.7 | 137.15 | 166.6 | 183 |
| Size/Ø (mm) | 53/31.3 | 53/31 | 62.5/39 | 68.5/40.5 |
| Neck finish | PP 22 | GL 22, PP 25 | PP 28 S | MCA 28, PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | □ | □ | □ | □ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |



MEPLAT

| Art.-No. | 69184 | 69116 | 69105 |
|----------------|-----------------|---------|-----------------|
| Volume (ml/oz) | 500/17 | 500/17 | 500/17 |
| Brimful (ml) | 515 | 515 | 526 |
| Weight (g) | 440 | 440 | 440 |
| Height (mm) | 218 | 220 | 221.5 |
| Size/Ø (mm) | 87/51 | 85.8/50 | 87/51 |
| Neck finish | MCA 28, PP 28 S | PP 28 S | MCA 28, PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 |
| Shape | □ | □ | □ |
| Colour | ○ ● | ○ ● | ○ ● |



INJECTION & INFUSION BOTTLES

Our injection vials and infusion bottles, made of type 2 or type 3 glass are available from 6 ml to 500 ml in flint or amber glass. The products are used for parenteral and non-parental application. With the standard BR thread the glass containers can be combined with market-compliant crimp closures.

INJECTION



| Art.-No. | 72477 | 73861 | 73951 | 73951 | 72618 |
|----------------|----------------|----------------|----------------|----------------|----------------|
| Volume (ml/oz) | 6/0.20 | 7/0.24 | 8/0.27 | 10/0.34 | 13/0.44 |
| Brimful (ml) | 7.8 | 7.8 | 10 | 15 | 13.4 |
| Weight (g) | 11 | 14 | 18 | 21 | 18 |
| Height (mm) | 38 | 40.75 | 46.8 | 53.5 | 49 |
| Size/Ø (mm) | 21 | 22 | 23 | 25.4 | 24.5 |
| Neck finish | BR 20 | BR 20 | BR 20 | BR 20 | BR 20 |
| Glass type | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

INJECTION



| Art.-No. | 73951 | 73951 | 73951 | 73951 | 73951 |
|----------------|----------------|----------------|----------------|----------------|----------------|
| Volume (ml/oz) | 15/0.5 | 20/0.68 | 30/1 | 50/1.7 | 100/3.4 |
| Brimful (ml) | 17 | 26 | 38 | 60 | 119 |
| Weight (g) | 24 | 29 | 36.5 | 56 | 89 |
| Height (mm) | 58.8 | 58 | 62.8 | 73 | 94.5 |
| Size/Ø (mm) | 26.5 | 32 | 36 | 42.5 | 51.6 |
| Neck finish | BR 20 | BR 20 | BR 20 | BR 20 | BR 20 |
| Glass type | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

INFUSION



| Art.-No. | 72855 | 72713 | 72855 | 72687 | 74597 |
|----------------|----------------|----------------|----------------|----------------|----------------|
| Volume (ml/oz) | 50/1.7 | 70/2.4 | 100/3.4 | 100/3.4 | 100/3.4 |
| Brimful (ml) | 68 | 81 | 128 | 138 | 141 |
| Weight (g) | 56 | 63 | 90 | 105 | 96 |
| Height (mm) | 68 | 75 | 104 | 104 | 105.8 |
| Size/Ø (mm) | 46 | 46 | 49 | 50.8 | 52 |
| Neck finish | BR 32 | BR 32 | BR 32 | BR 28 | BR 28, BR 29 |
| Glass type | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

INFUSION



| Art.-No. | 72855 | 74597 | 74597 | 72855 |
|----------------|----------------|----------------|----------------|----------------|
| Volume (ml/oz) | 250/8.5 | 250/8.5 | 500/17.0 | 500/17 |
| Brimful (ml) | 306 | 318 | 580 | 588 |
| Weight (g) | 158 | 150 | 240 | 242 |
| Height (mm) | 136 | 135 | 177 | 177 |
| Size/Ø (mm) | 66 | 67 | 78.6 | 78 |
| Neck finish | BR 32 | BR 28, BR 29 | BR 28, BR 29 | BR 32 |
| Glass type | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 | Type 2, Type 3 |
| Shape | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |



OINTMENT JARS

Our ointment jars, made of type 3 glass, are available from 100 ml to 200 ml in amber and flint glass. Ointment jars are used for prescription drugs, OTC medicines and for well-being products such as ointments, medicinal herbs and tinctures.



OINTMENT

| Art.-No. | 90250 | 90250 |
|----------------|------------|----------|
| Volume (ml/oz) | 100/3.4 | 200/6.76 |
| Brimful (ml) | 121 | 200 |
| Weight (g) | 100 | 150 |
| Height (mm) | 81 | 95 |
| Size/Ø (mm) | 51.5 | 60 |
| Neck finish | GPI 51-400 | 880/72 |
| Glass type | Type 3 | Type 3 |
| Shape | ○ | ○ |
| Colour | ○ ● | ○ ● |



PILL BOTTLES

Our pill bottles or tablett jars, made of type 3 glass, are available from 5 ml to 200 ml in amber and flint glass. They are used for prescription drugs, OTC medicines and for well-being products such as capsules, tablets, powders or food supplements.

PILL



| Art.-No. | 72828 | 72828 | 72828 | 69015 | 72828 | 72500 |
|----------------|--------|---------|--------|---------|---------|---------|
| Volume (ml/oz) | 5/0.17 | 10/0.34 | 15/0.5 | 20/0.68 | 20/0.68 | 22/0.74 |
| Brimful (ml) | 14 | 19.1 | 23.7 | 23 | 29.2 | 26.8 |
| Weight (g) | 16 | 20 | 26 | 38 | 29 | 40 |
| Height (mm) | 39.5 | 41 | 51 | 54.3 | 60.5 | 62.8 |
| Size/Ø (mm) | 26.6 | 30 | 30 | 32.5 | 30 | 32 |
| Neck finish | SNC 23 | SNC 26 | SNC 26 | PP 28 S | SNC 26 | PP 28 S |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |

PILL



| Art.-No. | 73934 | 72476 | 72754 | 69022 | 69179 | 69444 |
|----------------|----------|---------|---------|---------|---------|--------|
| Volume (ml/oz) | 25/0.85 | 25/0.85 | 25/0.85 | 30/1 | 30/1 | 30/1 |
| Brimful (ml) | 24.8 | 29 | 32 | 33 | 40 | 42 |
| Weight (g) | 26.5 | 37 | 35 | 50 | 47 | 44.5 |
| Height (mm) | 51 | 56.5 | 50.5 | 73.4 | 71.7 | 47 |
| Size/Ø (mm) | 31 | 33 | 38 | 32.5 | 35.4 | 42 |
| Neck finish | SNC 27.5 | PP 31 | PP 31 | PP 28 S | PP 28 S | SNC 34 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



PILL

| Art.-No. | 72501 | 72828 | 72502 | 72828 | 69026 |
|----------------|--------|--------|--------|--------|--------|
| Volume (ml/oz) | 30/1 | 30/1 | 50/1.7 | 50/1.7 | 60/2 |
| Brimful (ml) | 42.8 | 45.9 | 62.5 | 74.4 | 72 |
| Weight (g) | 50 | 38 | 68 | 58 | 65 |
| Height (mm) | 62.7 | 68 | 82.5 | 73.6 | 81 |
| Size/Ø (mm) | 40 | 35 | 40.3 | 42 | 41 |
| Neck finish | PP 31 | SNC 26 | PP 31 | SNC 36 | PP 35 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



PILL

| Art.-No. | 72918 | 72828 | 72828 | 72918 | 72918 |
|----------------|--------|--------|---------|---------|----------|
| Volume (ml/oz) | 75/2.5 | 80/2.7 | 125/4.2 | 125/4.2 | 200/6.76 |
| Brimful (ml) | 85 | 96 | 135 | 144 | 220 |
| Weight (g) | 67 | 65 | 90 | 88 | 140 |
| Height (mm) | 85.8 | 70.5 | 93.9 | 85.8 | 94.4 |
| Size/Ø (mm) | 42 | 50 | 50 | 53.5 | 64 |
| Neck finish | SNC 34 | SNC 36 | SNC 36 | SNC 42 | SNC 42 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● | ○ ● |



WIDE MOUTH PACKERS

Our wide mouth packers, made of type 3 glass, are available from 60 ml to 500 ml in amber and flint glass. The wide mouth glass packers are used for OTC medicines and for well-being products such as phytopharma, natural medicine and food supplements.

WIDE MOUTH



| Art.-No. | 74024 | 74024 | 74024 | 74024 |
|----------------|------------|------------|------------|------------|
| Volume (ml/oz) | 60/2 | 75/2.5 | 100/3.4 | 120/4.06 |
| Brimful (ml) | 70 | 90 | 112 | 140 |
| Weight (g) | 70 | 83 | 93 | 119 |
| Height (mm) | 75.5 | 81.4 | 86.9 | 95.3 |
| Size/Ø (mm) | 44 | 46.5 | 50 | 54 |
| Neck finish | GPI 33-400 | GPI 38-400 | GPI 38-400 | GPI 38-400 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |

WIDE MOUTH



| Art.-No. | 74024 | 74024 | 74024 | 74024 |
|----------------|------------|------------|------------|------------|
| Volume (ml/oz) | 150/5 | 200/6.76 | 300/10 | 500/16.9 |
| Brimful (ml) | 171 | 225 | 350 | 524 |
| Weight (g) | 117 | 140 | 185 | 260 |
| Height (mm) | 98.8 | 109.55 | 129 | 145 |
| Size/Ø (mm) | 56 | 61 | 69.4 | 79 |
| Neck finish | GPI 45-400 | GPI 45-400 | GPI 45-400 | GPI 45-400 |
| Glass type | Type 3 | Type 3 | Type 3 | Type 3 |
| Shape | ○ | ○ | ○ | ○ |
| Colour | ○ ● | ○ ● | ○ ● | ○ ● |



ROLLER BALL BOTTLES

Our roller ball bottles, made of type 3 glass, are available in 10 ml in amber and flint glass and in 50 ml in flint glass. Roller ball bottles are used for your well-being products such as essential oils, CBD oils, aromatherapy and cosmetics.

**ROLLER
BALL**



| Art.-No. | 72496 | 35284 |
|----------------|---------------|---------------|
| Volume (ml/oz) | 10/0.34 | 50/1.7 |
| Brimful (ml) | 11.5 | 56 |
| Weight (g) | 21 | 78 |
| Height (mm) | 72.2 | 88 |
| Size/Ø (mm) | 19.6 | 38 |
| Neck finish | Roll-on SPGEW | Roll-on SPGEW |
| Glass type | Type 3 | Type 3 |
| Shape | ○ | ○ |
| Colour | ○ ● | ○ ● |

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LET'S SHAPE THE
FUTURE OF PACKAGING
TOGETHER.





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