

IDENCY

THE NEXT GENERATION OF GLASS VIALS



IDENCY

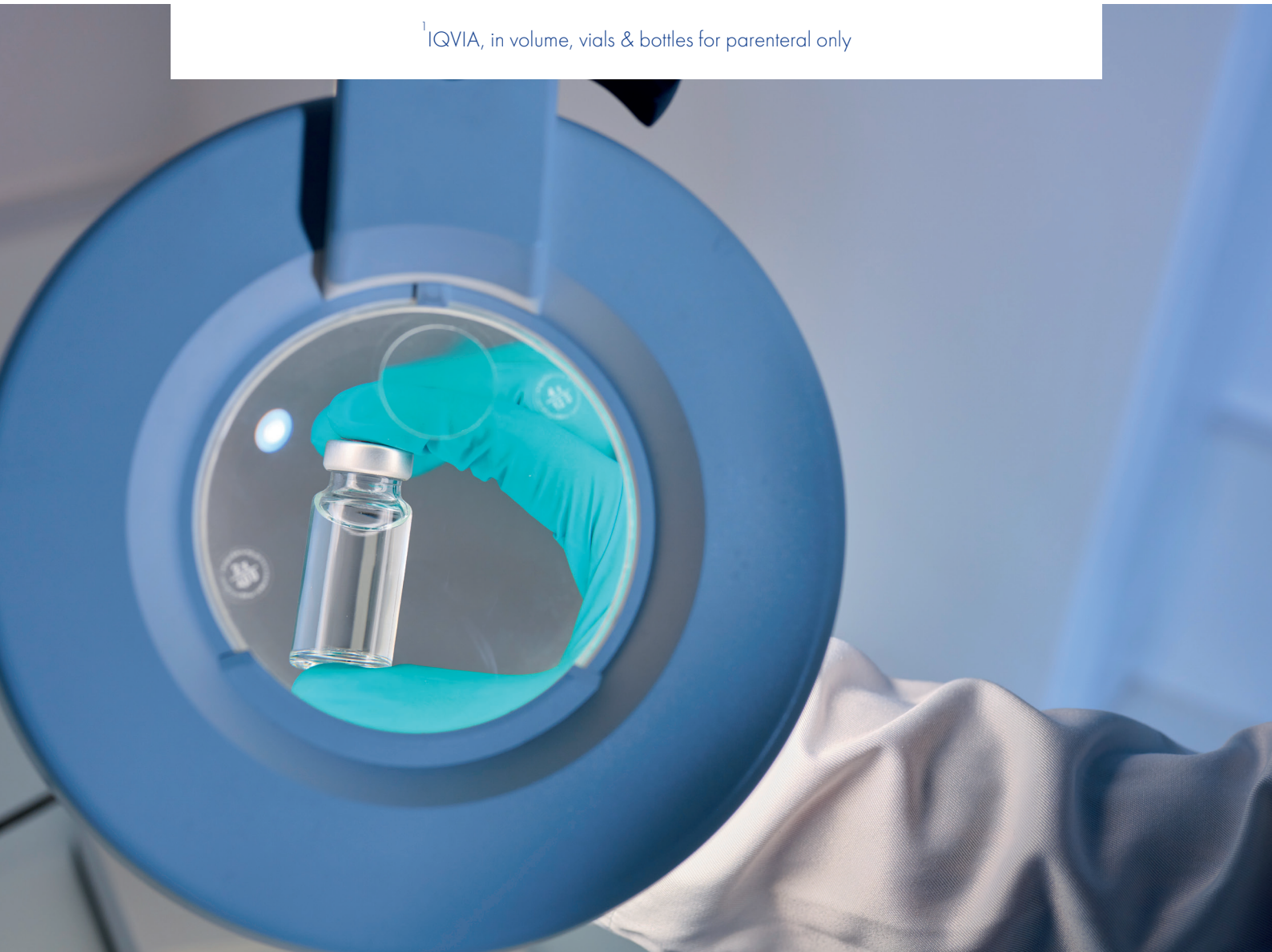
THE NEXT GENERATION OF GLASS VIALS

The rising demand for parenteral drugs (+4% 2021 vs 2020¹) has subsequently increased supply chain pressures for glass vials.

SGD Pharma developed IDENCY, the perfect Type I borosilicate complementary product to your current portfolio.

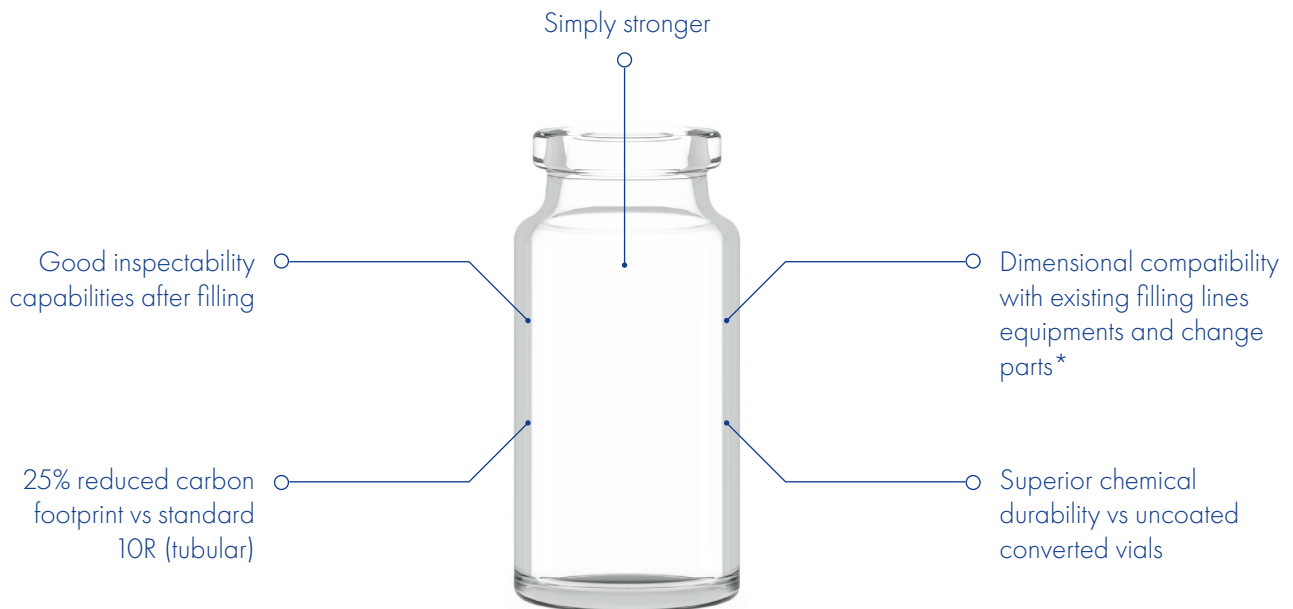
IDENCY is suitable for all parenteral drugs, especially for the most sensitive ones.

¹IQVIA, in volume, vials & bottles for parenteral only



IDENCY PRODUCT FEATURES

IDENCY vials combine high chemical and mechanical resistance with the same outer diameter as standard tubular glass vials to ease the integration into your existing filling lines.



Key criterias	IDENCY 10MR Ref. 20604
Body diameter	23.8 ± 0.4mm
Total height	50.0 ± 0.5mm
Nominal capacity	10.0mL
Brimfull capacity	13.5 ± 1mL
Weight	~ 16g

- ⊙ Type I glass
- ⊙ Clear & Amber
- ⊙ 10MR² / 10mL
- ⊙ Suitable for **all parenteral drugs**
- ⊙ **Range extension under development**

²Molded as a 10R
*Body diameter only



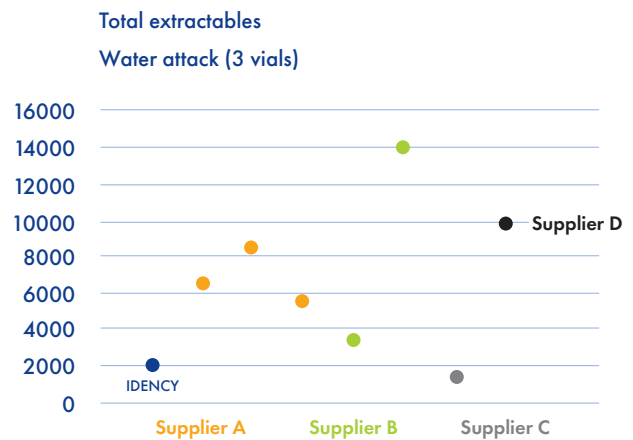
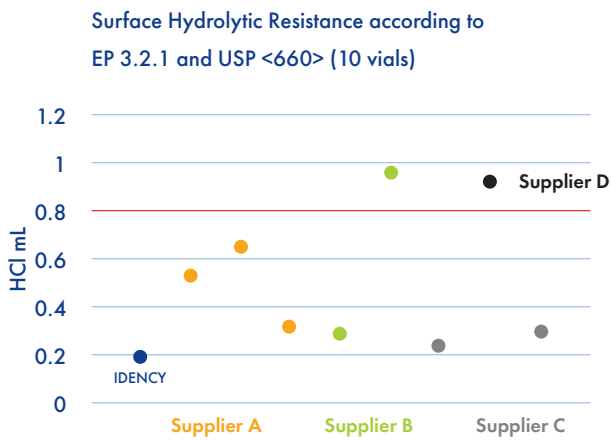
IDENCY KEY BENEFITS

Patient safety and Pharma Labs «peace of mind»

- ⊙ Proven chemical durability enhancing **compatibility drug/glass** (high hydrolytic resistance, low extractables, no surface degradation)
- ⊙ **No glass delamination concerns**
- ⊙ **Good inspectability capabilities after filling**

Comparative study between **10MR IDENCY** and 10R tubular vials from 4 suppliers.

The **10MR IDENCY** vials shows **stronger chemical durability** compared with 10R tubular vials.



Lab reports 1968 and 1972 made by our R&D department in 2022

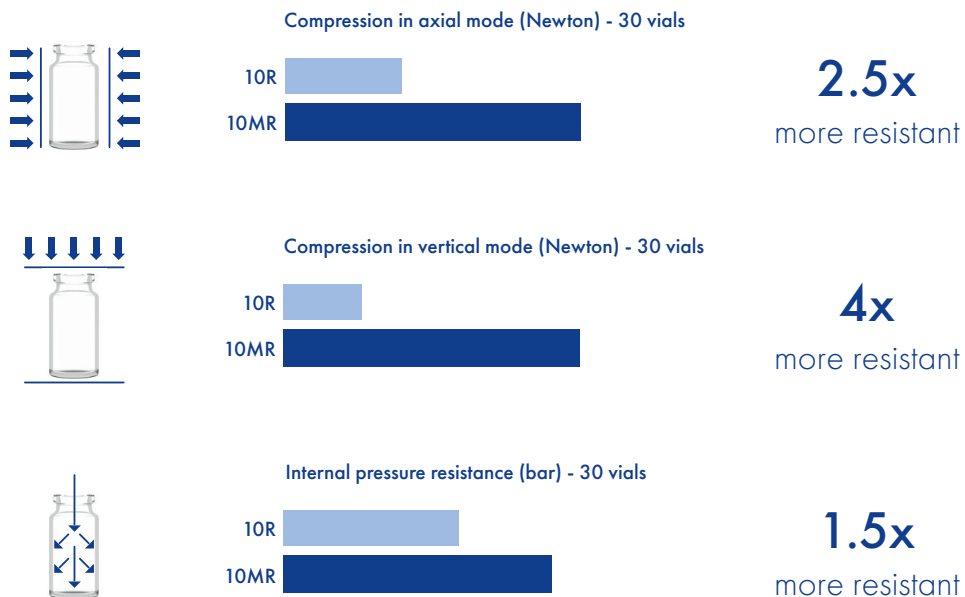




Robustness

Stronger mechanical resistance when compared with standard 10R tubular vials.
A smoother fill and finish process as the strong mechanical resistance limits vials breakage and line stops.

*The **10MR IDENCY** vials exhibit better mechanical resistance in comparison to the standard 10R tubular vials tested.*



Report 1022787 made by Cetim in July 2022



Sustainability

Reduced carbon footprint impact **through light weighting** and thanks to the **production process**.

10MR IDENCY compared with:	CO₂ emission savings
Standard ISO 10mL (molded)	-24% (Lightweighting)
Standard 10R (tubular) (1 mm thick glass wall)	-25% (Production process)

Easy to implement and optimized TCO

IDENCY vials can be easily used on your current fill and finish lines.

The 10MR IDENCY vials have, including tolerances, the same maximum outer diameter as per conventional 10R tubular vials.

Dimensional compatibility with your current fill and finish lines for a smooth implementation.

Customized secondary packaging: IDENCY vials are available in either shrink pack or tray.

Storage & transportation costs optimized. For shrink packs, more vials can be loaded on a pallet (stackable pallets).

Safety of supply

Lead-time for IDENCY vials is under 6 months for both clear and amber glass, which results in limited risk of shortage and possibility of safety stocks.

IDENCY vials are packaged in ISO 8 clean rooms located at our state-of-the-art facilities in France, ensuring maximum product protection.



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