

# CLAREO

**TYPE II PREMIUM  
INJECTION VIALS**





Superior glass performance for injectable drugs.

As part of continuous improvement efforts to enhance glass performance and ensure patient safety, SGD Pharma has developed **Clareo**, high quality Type II glass vials for injectable drugs.

Reliable quality is one of the key benefits of Clareo vials.

The reduced waste of filled vials and improvements in production line performance allow pharmaceutical companies to lower their Total Cost of Ownership (TCO).



Smoother 20 mm neck finish

Homogeneous glass wall thickness

Bottom regularity

Targets and benefits

-  **Improved Container Closure Integrity (CCI)**  
Clareo vials minimize stopper «pop up».
-  **Superior cosmetic quality**  
Clareo vials speed up quality inspection before and after filling.
-  **Reduced breakage rate**  
Clareo vials significantly increase mechanical resistance, offering a better internal pressure resistance and improving vertical resistance by 10%.
-  **Unmatched quality**  
SGD Pharma is the only supplier worldwide offering these premium vials for injectable drug products, in Type II glass.

Did you know that?

Clareo premium glass vials for injectable drug products are an ideal combination of more uniform wall thickness and higher cosmetic quality.

-  **Same composition**  
as regular Type II glass
-  **Same production plant**  
(Kipfenberg, Germany)
-  **Same ISO dimensions**  
as regular Type II glass
-  **No regulatory change**  
in Type II glass

Product range



|        | STANDARD | AVAILABILITY                                                                    | NECK TYPE | CAPACITY (ML)              | CLEAR GLASS                                                                           |
|--------|----------|---------------------------------------------------------------------------------|-----------|----------------------------|---------------------------------------------------------------------------------------|
| CLAREO | Type II  | Standard item, subject to stock availability                                    | ISO 20    | 6, 10, 15, 20, 30, 50, 100 |  |
|        | Type III | Item available upon production, receipt of order, subject to minimum quantities |           |                            |                                                                                       |

Lyophilization options, offering an optimized vial base, are available on request

Why SGD Pharma

With over a century of expertise, SGD Pharma is a leading global supplier of pharmaceutical glass packaging, producing over 8 million vials and bottles daily across ISO 15378 certified sites in Europe and Asia. Customers benefit from high-quality Type I tubular glass solutions, continuous innovation, premium service and comprehensive regulatory support worldwide.

**SGD Pharma,**  
your partner for molded glass packaging.

For more information, please visit our website  
**[www.sgd-pharma.com](http://www.sgd-pharma.com)**