

GERRESHEIMER



Sterile vials made of tubular glass

- Tailor-made Gx[®] RTF vial quality powered by **ompi** | ez-fill[®]
- Enhanced flexibility for your packaging requirements
- One common packaging standard facilitates dual sourcing



Gx® RTF vials are delivered ready-to-fill in nest and tub or tray

Gx® RTF vials powered by Ompi EZ-fill® enhance flexibility by facilitating packaging needs from clinical stage to industrialization with the common goal to minimize customer product risks and optimize total cost of ownership. Gerresheimer combines the competencies in converting glass tubes to serum/injection vials and ready-to-fill processing for our pharma and biotech customers. Gx® RTF vials are a sterile primary packaging solution delivered ready-to-fill in nest and tub or tray. Our customers rely on more than 15 years of experience with ready-to-fill products including prefillable syringe systems made of glass and plastic (Gx RTF® and Gx RTF® Clearject®).



Powered by  **ompi** |  **ez-fill**

All Gx® RTF vials are made from borosilicate glass tubes Type I using state-of-the-art production and inspection processes. The vials comply with the requirements defined in ISO standards as well as the applicable tests of Pharm. Eur. and USP. We offer different designs, with or without blowback, according to industry standards or to individual specifications.

Gx® RTF vials are washed with WFI (water for injection) thus achieving the required microbial and endotoxin reduction and dried with sterile filtered air. Therefore the Gx® RTF vials are processed inside a clean room environment grade C according to cGMP.

The vials are nested by 48 or 120 depending on the size. The filled nest is placed into a tub and protected with a Tyvek® sheet to prevent particle contamination. The tub is sealed and put into a bag, single or double version, before it is finally packed into specific boxes for EtO sterilization. Gx® RTF vials are offered with the established Ompi EZ-fill® packaging format.

EtO gas treatment is the industry standard for sterilizing prefillable glass container systems. The sterilization of Gx® RTF vials is based upon validated processes according to applicable standards. Sterility testing is carried out on a batch base as part of a final release inspection. A CoC (Certificate of Conformance) is issued for each batch.

At our pharmaceutical customers the Gx® RTF vials are unpacked stepwise. As known from Gx® RTF syringes the filling and closing process can be performed directly within the nested containers. Our customers benefit from the unique quality of our Gx® RTF vial portfolio, standardized packaging, long-time expertise as well as technical support throughout product lifecycle.

TWO PACKAGING CONFIGURATIONS



Vials in Nest & Tub

Format	Volume (ml)	Diameter (mm)	Height	Crimp finish (mm)	Pcs.
2R	4	16	35	13	120
6R	10	22	40	20	48
10R	13,5	24	45	20	48

Upcoming 2nd half of 2017, more formats available later on

Vials in Tray

Format	Volume (ml)	Diameter (mm)	Height	Crimp finish (mm)	Pcs.
6R	10	22	40	20	96

Upcoming 2nd half of 2017, more formats available later on

Photo courtesy of Ompi

Contact Europe

Gerresheimer Regensburg GmbH
Oskar-von-Miller-Str. 6
D-92442 Wackersdorf

Maximilian Vogl
Phone: +49 9431 639 6724
m.vogl@gerresheimer.com

Contact USA

Gerresheimer Glass Inc.
537 Crystal Avenue
Vineland, NJ 08360

Robert Hayes
Phone +1 856 379 5205
r.hayes@gerresheimer.com

GERRESHEIMER

www.gerresheimer.com