

PYROFREE®

Sterile, Pyrogen Free & Ready To Use Vials



FEATURES

◆ Ready-to-use vials advantages

Reduced lead-time to deliver and production costs
Quality risks are mitigated during the filling process
(lower risk of contamination)
Lower chance of container breakage and cosmetic defects

◆ Innovative and patented process

Sterilization and depyrogenation process (dry heat at 300°C)
Vials are directly wrapped with 2 PEEK under vacuum
(not in nest and tub)
PEEK polymer: chosen for its mechanical properties & biocompatibility
Overwrapping with protective layer PA/EVOH/PE
Customized transfer kit available

◆ High quality standard

Process under GMP environment
Depyrogenation cycle process registration
Validation data available under request
COA provided
COC provided
Batch released by a Qualified Person



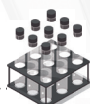
Reliable
Safe
Secure



APPLICATIONS

**Diagnostic / Sterile Injectable /
Highly Potent Products**

- ◆ For early stage development through to clinical and commercial
- ◆ Cellular therapies & R&D
- ◆ Technical & GMP batches



CAPACITIES



Format	Units per batch
Vials – 0.3 ml to 50 ml	Up to 14,600 units
Stoppers*	In small quantities

Other formats upon request (cartridges, ampoules)

*only sterile (not pyrogen free), sterilization by autoclave and wrapped with 2 layers.

Contact us

@ sales@pyrofree.com

www.pyrofree.com



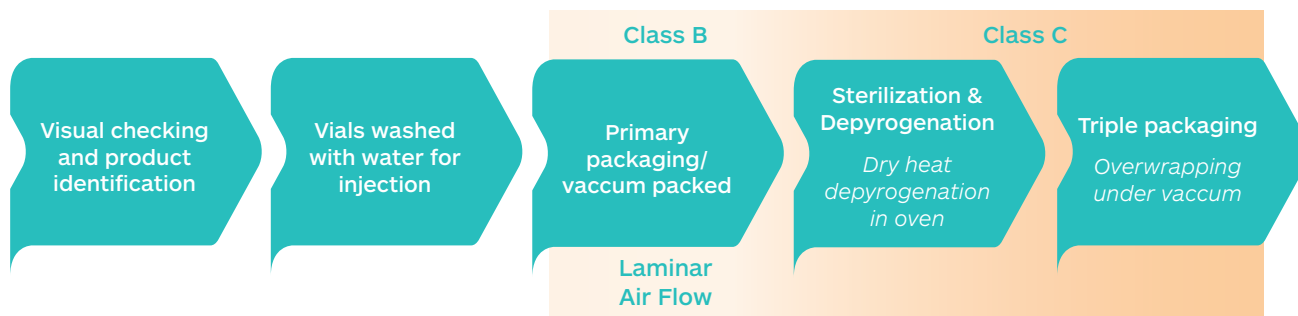
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MANUFACTURING PROCESS



PRODUCT RANGE

Standard vials

Permanent stock for the 2R, 10R vials and 20mm and 13mm stoppers

Collar	Site & type of vials	Supplier	Number of vials per package
13 mm	2R	Schott®	248
20 mm	6R	Schott®	132
20 mm	10R	Schott®	109
20 mm	20R	Schott®	63



Other suppliers & formats upon request

Accessories

STERILE STOPPERS STANDARD RANGE

Size	Supplier	Number of units per package
13 mm	Flurotec® (WEST)	150
20 mm	Flurotec® (WEST)	150



Other suppliers & formats upon request
Flurotec®

STERILE CAPS



TRANSFER KIT



Contact us

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www.pyrofree.com



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