ARaymondLife® has introduced an innovative range of closure systems for pharmaceutical vials. RayDyLyo® offers an all-in-one plastic solution, an alternative to aluminum caps.

**RayDyLyo® CTO**

Ø 13 mm
Ø 20 mm

- CTO version (Central Tear-Off)
- Suitable for injectables in liquid and freeze-dried forms
- Suitable for ISO vials
- Compatible with ISO serum stoppers
- Delivered with or without pre-assembled stopper
- Gamma or ready-to-sterilize

**SIMPLIFIED PROCESS**

1. Stopper pre-assembled in the RayDyLyo® cap
2. Vial closure by simple vertical pressure, manual or automatic
3. Capping and closing in the lyophilizer (Class A/ISO 5)
4. Eliminates the crimping operation

**SPECIFIC RAW MATERIALS**

Medical grades USP Class VI

- Cap Polypropylene (PP)
- Cage Polycarbonate (PC)
- Body Polybutylene Terephthalate (PBT)

**AUTOMATED ASSEMBLY**

- 100% camera control inspection in production
- 100% control of stopper insertion

**OPTIONS AVAILABLE**

**STERILIZATION**
- Ready-to-use: gamma 25 Kgray
- Ready-to-sterilize: steam compatible

**CUSTOMIZATION**
- Wide color range available for the cap
- Labelling possible on body

**IMPROVED ERGONOMICS**
- Simpler capping, manual or automatic
- Easy cap removal
- Less risk of damaging gloves

**1 STEP ONLY**

RayDyLyo® SOLUTION
Stopper pre-assembled in RayDyLyo® cap

**INSTEAD OF 3 STEPS**

TRADITIONAL CLOSURE METHOD
2 Steps + crimping
RayDyLyo® nested solution CTO

Ø 13 mm / Ø 20 mm
- Delivered in nest
- Ready-to-Use
- Gamma sterilized
- Compatible with SCHOTT adaptiQ® ready-to-use vials

ASEPTIC FILLING SOLUTION

ARaymond, SCHOTT and Vanrx have combined their know-how to offer an aseptic filling solution in a robotic workcell.

- No human intervention
- Increased sterility, quality, and repeatability
- Flexibility of production
- Fast changeover between drug products
- Suitable for small to medium size batches
- No glass-to-glass contact
- Nested component products
- No need to denest for capping

RayDyLyo® ready-to-use plastic push fit cap
Nested format 2/4R & 6/8/10/15R

adaptiQ® ready-to-use vials
Design allows for nested lyophilization
3 nested formats 2/4R, 6/8/10/15R, 20/25/30R
www.schott.com/adpatiQ

Vanrx SA25 Aseptic Filling Workcell.
A gloveless robotic isolator for aseptic filling of injectable medicines.

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