

# RayDyLyo®

## CLOSURE SYSTEMS FOR STANDARD VIALS



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

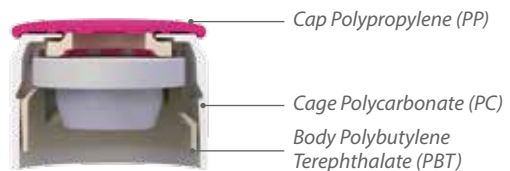
Ø 13 mm  
Ø 20 mm



- 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

### SPECIFIC RAW MATERIALS

Medical grades USP Class VI



#### AUTOMATED ASSEMBLY

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

### SIMPLIFIED PROCESS

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



#### 1 STEP ONLY

#### RayDyLyo® SOLUTION

Stopper pre-assembled in RayDyLyo® cap

#### IMPROVED ERGONOMICS

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

INSTEAD OF 3 STEPS

TRADITIONAL CLOSURE METHOD  
2 Steps + crimping



### 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



# ARaymond®

MORE THAN FASTENING

## RayDyLylo® 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



**ARaymond**<sup>®</sup>  
MORE THAN FASTENING

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

1



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](http://www.schott.com/adpatiQ)

2



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



[www.vanrx.com](http://www.vanrx.com)

3



### ARAYMONDLIFE SASU

Phone + 33 4 56 52 53 36

Email: [contact@araymondlife.com](mailto:contact@araymondlife.com)



[www.raydylylo.com](http://www.raydylylo.com)

[www.araymond-life.com](http://www.araymond-life.com)

© \*ARaymondlife SASU – RCS Grenoble 501 397 012 – Rue de la Louisiane – 38120 Saint Egrève – FRANCE has designed this product datasheet. "ARaymond Network" means a network of companies which have a license of use of ARAYMOND™. This product datasheet is provided for information purposes only and does not constitute an offer or an agreement. [company name] makes no warranty or representation whatsoever, express or implied, including but not limited to the accuracy, reliability, novelty, completeness, fit for a particular purpose or merchantability of the information contained in it. If you need further information, please contact ARaymondlife SASU.

LI2017-1001-EN 03/2017