

ARaymondlife applies its **technological expertise** to the development and manufacture of innovative solutions for the health care market.

As a **partner** of pharmaceutical laboratories and other players of the medical industry, ARaymondlife provides assistance throughout the entire product life cycle.
As a **solutions provider**, we turn your ideas into customised innovations.



RayDyLy[®]

RayDyLy[®] is a closure device for standard vials¹ and an all-plastic capping solution. RayDyLy[®] provides an alternative to aluminium, eliminating the crimping step for liquid and freeze-dried forms.

It provides an ergonomic advantage through ease of opening and reduced risk of glove damage.



1- Norme iso 8362-1 et 8536-1

The ARaymond Network**

With over 150 years of experience, ARaymond Network, the expert in plastic injection moulding, metal transformation and assembly, invents, manufactures and commercialises fastening solutions for the automotive industry.

Since 2007, ARaymondlife has been applying this expertise to the health care industry.

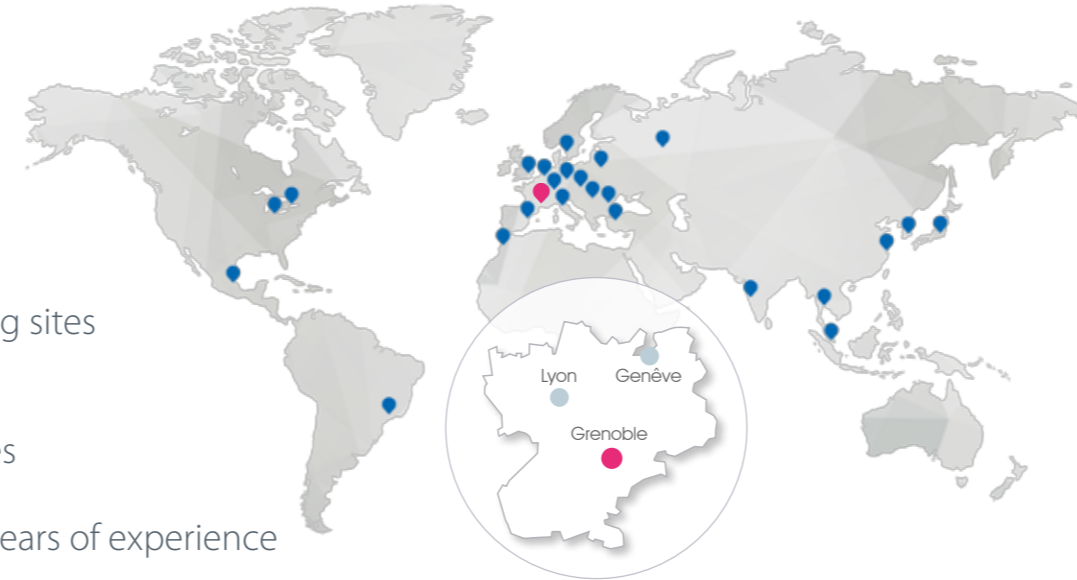
1 center of expertise

11 engineering centers

26 manufacturing sites in **25** countries

6,200 employees

More than **150** years of experience



ARaymondlife, a member of the ARaymond Network, is based in Grenoble, in the heart of the Rhône-Alpine region, in close proximity to leading pharmaceutical research and industrial centres, including world leaders in the fields of human vaccines, biotechnology, animal health, and in vitro diagnostics.

ARAYMONDLIFE SASU*

1 rue Louis Besançon
38120 Saint-Egrève - FRANCE
Tel +33 4 56 52 61 76
contact@araymond-life.com



www.araymond-life.com
www.raydylyo.com

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INJECTING INNOVATION INTO HEALTH CARE



- Own branded packaging
- Primary and secondary packaging
- Customized medical devices and consumables



THE EXPERT IN PLASTIC MANUFACTURING

PARTNER IN PROJECTS FOR:

PHARMACEUTICAL LABORATORIES

ARaymondlife develops and manufactures its own range of packaging RayDyLy[®] as well as primary and secondary packaging for the pharmaceutical industry (human and veterinary).

THE MEDICAL INDUSTRY

ARaymondlife designs and produces medical devices, diagnostic devices, and consumables for laboratory equipment from established specifications with its customers.

ENGINEERING AND CUSTOM SOLUTIONS

Through its in-house research division, ARaymondlife provides start-to-finish services for development projects, from initial concepts to production runs:

- Understanding the customer needs
- Definition of technical specifications
- Design studies
- Prototyping
- Simulation methods and rheology
- Conception and mold realization
- Quality support and regulatory affairs
- Assistance in file submission

Our engineers are constantly creating new concepts from our continuous research into new materials and technologies to provide technical solutions.



PHARMACEUTICAL ESTABLISHMENT



Since 2008, ARaymondlife is a pharmaceutical establishment GMP EU certified, equipped with automated industrial equipment for manufacturing in a controlled atmosphere:

- A factory of 3700m² inaugurated in 2015
- A recent set of automated presses
- Automated assembly machines
- Medicalised presses operating in clean rooms Iso5 to Iso8
- 2 pharmacists
- Workshop dedicated to drug manufacturing*

** ARaymondlife has co-developed and manufactures for a French veterinary laboratory, an hormone drug releasing delivery in the form of an impregnated matrix.*

THE SPECIALIST IN PLASTIC INJECTION MOULDING

ARaymondlife offers its expertise in thermoplastic injection and bi-injection to the pharmaceutical industry.

- **Expertise in polymers:**
medical grades, high mechanical performance (ex. PEEK material)
- **Expertise in processes:**
mono or bi-material injection, overmoulding, automated complex assembly, ultrasonic welding
- **Customisation:**
marking and personalized colours
- **Additional services:**
sterilisation, customized packaging



MOLD REALIZATION



ARaymondlife applies its know how in mold making and collaborates with a local network of mold makers specialized in the requirements of the health care industry.

- Stainless steel molds
- Multi-cavity molds
- Direct injection with gates
- Thermal control
- Bi material molds
- Rheological studies
- In-mold pressure measuring for better process control