

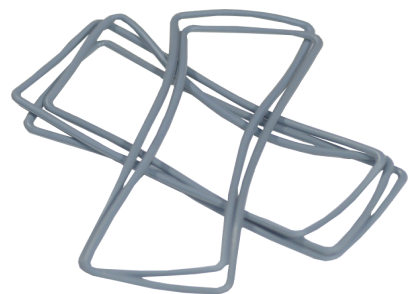


# SEALING SOLUTIONS FOR LIGHTING MARKET

# Covison® Lighting Silicone Solutions

## The trustworthy partner in seals

At Saint-Gobain Sealing Solutions, we understand the challenges of your application. As your trustworthy partner, we aim to aid your business in overcoming objections and have a high performance in product development, thanks to our richness of experiences in the sealing design and manufacture for more than 40 years.



## Excellent Weather Resistance

## High Durability

## Truly Understanding of Your Business Needs

With more than 40 years of experience on this sector, we are aware of your expectation on technical performance. Our customized sealing solutions will fulfill your attempts in terms of compression set, watertightness, high and low temperature, UV and ozone resistance.

Resistance to high range of temperatures and extreme weather conditions, snow, or rain, for instance, are the preeminent qualifications of silicone material. Both silicone foam and solid silicone are materials that we expert in and capable of providing to your business.

## Why Silicone

- High durability
- Non-toxicity
- Temperature resistance
- UV resistance
- Ageing
- Great mechanical properties

## High Standards Seals

Our seals are designed to be tested externally by our clients to pass the specific standards of the market, include IP and IK tests.

- Ingress Protection rating (IP rating)  
Eligible for IP65 and IP66, meaning the highest protection to dust-tight and a powerful jet of water.
- Impact Protection rating (IK rating)  
Eligible for IK07, IK08, IK09, and IK10 meaning a very high protection of the electrical enclosure from external mechanical impacts.

By our high levels of IP and IK results, you can ensure that we offer superior quality products, and are a variety of choices for your business needs.

# FEATURES & STANDARDS



## Features and Benefits

- Fast time to market
- Multiple hardnesses and colors available
- Various processes to better fit your need: extrusion, molding, length, coils, rings
- Several finishing options available
- Advanced design techniques
- Customized for your critical applications
- IP/IK tests compliance
- FEA (Finite Element Analysis)

## 40 Years of Know-How in High Performance Sealing Solutions



### Seals Expert with High Capabilities

Silicone is recognized for its advanced mechanical performance under critical environments. Our Covison® silicone seals provide the most durable results thanks to the combination of our design, expertise, and formulation knowledge.

Our extensive production capability covers wide ranges of silicone seals and service locations.

Having our industrial footprints located across France and Germany, Saint-Gobain Sealing Solutions is capable of providing you excellent service in reactivity and technical support timely, anywhere in Europe, regarding anything related to either your business search for extrusion seals, compression molding seals, injection molding seals, or reinforced seals.

### We Speak Lighting

- Two plants EN9001 approved (France and Germany)
- Engineers to drive your projects until the end
- Experience in extensive project management, and capacity to be very reactive for smaller projects

Don't hesitate to contact us:  
[SLS@saint-gobain.com](mailto:SLS@saint-gobain.com)



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# We bring you Peace of Mind Sealing Solutions

## Covison® Sealed. By Design



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**NOTE:** The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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