

# Perfect sealing in cleanrooms and the HVAC sector

The cleanroom sealants



Perfect in use

# Applications in cleanrooms and



- ✓ Sealing in areas with high hygiene requirements



- ✓ Sealing in operating theatres and hospitals



- ✓ Sealing in laboratory construction



- ✓ Sealing in equipment construction

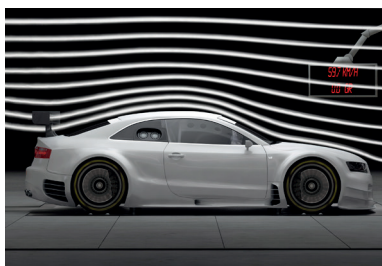
# the HVAC sector



- ✓ Sealing of ventilation ducts in HVAC systems



- ✓ Sealing in kitchen exhaust ducts



- ✓ Sealing of climate simulation cells



- ✓ Sealing in food processing companies

Perfectly specialised sealants

# OTTOSEAL® M380

## The hybrid for clean rooms and ventilation systems

### 1-component hybrid polymer STP sealant

For indoor and outdoor application

- ✔ **Silicone-free**
- ✔ Low odour
- ✔ Can be painted over
- ✔ Contains fungicides



### Applications

- ✔ Production rooms with high hygiene requirements
- ✔ Clean rooms where freedom from silicone is required
- ✔ Sealing of ventilation systems
- ✔ Production rooms for medicines or similar



Sealing in production rooms



# OTTOSEAL® S67

The low-odour silicone for clean rooms and ventilation systems

**1-component silicone sealant based on alkoxy, neutral cross-linking**

For indoor and outdoor application

- ✔ **Excellent metal adherence**
- ✔ Low odour
- ✔ Non-corrosive
- ✔ Good chemical resistance



## Applications

- ✔ Sealing of rooms with very high demands on freedom from dust and hygiene
- ✔ Sealing of ventilation systems
- ✔ Sealing of production rooms for medicines or similar
- ✔ Sealing in operating theatres, medical examination and laboratory rooms
- ✔ Sealing in food processing companies



Sealing in operating theatres, medical examination and laboratory rooms



**OTTO  
SEAL®  
S67**

Exzellente  
Metallhaftung



**SPEZIAL**

**Reinraum- und  
RLT-Silikon**

Silicone for clean rooms  
and ventilation systems  
Silicone pour salles blanches  
et systèmes de ventilation  
Silicone voor cleanrooms  
en klimaatregel installaties

- ✔ Geruchsarm
- ✔ Nicht korrosiv
- ✔ Gute chemische Beständigkeit

**OTTO**  
chemie

DICHTEN & KLEBEN



# OTTOSEAL® S69

The silicone for clean rooms and ventilation systems

## 1-component silicone sealant based on acetate

For indoor and outdoor application

- ✔ **Good chemical resistance**
- ✔ Safe for contact with food
- ✔ Fungicide-free

## Applications

- ✔ Sealing of rooms with very high demands on freedom from dust and hygiene
- ✔ Sealing in operating theatres, medical examination and laboratory rooms
- ✔ Sealing of production rooms for medicines or similar
- ✔ Sealing in food processing companies



Sealing in food processing companies



# Professional accessories

for a perfect application



OTTO Hand-operated gun H37



OTTO Fugenboy large/small



OTTO Hand-operated gun H600



OTTO Fugenfux® Multitool



OTTO Accumulator gun Type HPS-6T



OTTO Fugenfux®, set of 4 for sanitary and floor joints



## The OTTO processor tip

To ensure easier application and a perfect joint, we recommend using OTTO concentrated smoothing agent.



# Which cleanroom sealant is the

---

Production areas with high hygiene requirements

---

Production areas for medicines and other medical products

---

Hospitals

---

Operating theatres, medical examination rooms and laboratories

---

Food-processing areas

---

Very good metal adhesion without pre-treatment

---

Sealing of ventilation systems

---

Enclosed rooms with insufficient ventilation

---

Cleanrooms where no silicone is permitted

---

EMICODE® EC 1<sup>PLUS</sup> – very low emission

---

Packaging



## Resistance list for each product

Different hygiene requirements in cleanrooms and HVAC systems also require different types of disinfection and cleaning. That is why OTTO offers you an overview of resistances towards the most commonly used chemicals. Do you have questions about the resistance of OTTO sealants towards ingredients of disinfectants and cleaning agents? Simply contact us, we are happy to help you.



# right one for my application?

OTTOSEAL® M380	OTTOSEAL® S67	OTTOSEAL® S69
Hybrid	Silicone	Silicone
☑	☑	☑
☑	☑	☑
☑	☑	☑
✗	☑	☑
☑	☑	☑
Food-related area	Food-related area	
☑	☑	✗
☑	☑	☑
		Only corrosion-protected metals
☑	☑	✗
☑	✗	✗
☑	☑	✗
310 ml cartridge, 580 ml aluminium foil bag	310 ml cartridge, 580 ml aluminium foil bag	310 ml cartridge, 580 ml aluminium foil bag



# The OTTO360° service package

## More than sealants and adhesives

As an OTTO customer, you get more than premium quality sealants and adhesives. You also benefit from a comprehensive service package that supports you in your daily work and makes it noticeably easier. Whether it's advice, ordering and delivery or equipping our retailers on site, with our OTTO360° service package we always try to offer our customers the best possible support in all areas – from professionals for professionals.



### The perfect advice

Do you have any questions about choosing the right OTTO sealant and adhesive for your application or about professional processing? The experts from our application consulting service will be happy to help you:

+49 8684 908-5300

@ international@otto-chemie.com

Monday to Thursday: from 7:30am – 4:30pm

Friday: from 7:30am – 1:30pm



### The OTTO360° service package

In addition to the services presented here, OTTO offers a wide range of other additional services and combines them in a diverse service package. You can find more information about this and how you can benefit from it on our website.



## The OTTO app

Whether iOS or Android: With the OTTO app for smartphones and tablet PCs you always have the solution to all application issues at your side. Product search, consumption calculator, colour recommendation, order, contact – and if you wish to be informed in good time about the latest news, simply activate push notifications. **Download now via the App Store or Google Play.**



## The OTTO processor colour tables

For a visually flawless end result of your work, the selection of the appropriate colour shade is crucial. For this purpose, we offer processor colour tables with original dabs of our sealants. The processor colour tables can be folded and therefore held directly against the joint. This way you are sure to choose the right colour.

For information relating to certification marks, please see [www.otto-chemie.com](http://www.otto-chemie.com) under the heading "Information on Certification Marks". The requirements and test criteria of the DGNB and LEED can be found on [www.dgnb.de](http://www.dgnb.de) and [www.german-gba.org](http://www.german-gba.org). Please note that these companies do not evaluate our individual products, but the sustainability as a whole of each complete building project.

The information in the present document corresponds to the status quo on going to print, refer to the index. With a new edition this edition becomes invalid. Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the respective technical data sheet! This information is available on the Internet at [www.otto-chemie.com](http://www.otto-chemie.com). Errors and typographical errors are excepted.

#### Follow us on Social Media:



@OTTOCHEMIE

#### Hermann Otto GmbH

Krankenhausstr. 14  
83413 Fridolfing, Germany  
Tel.: +49 8684 908-0  
[info@otto-chemie.com](mailto:info@otto-chemie.com)  
[www.otto-chemie.com](http://www.otto-chemie.com)

