



# Seal-R-film™

The stretchable universal sealing film

BRAND. For lab. For life.®

- + Protects against evaporation, leakage, and contamination
- + Easy sealing with 300% elasticity
- + Lot identification of each roll

# Sealing film Seal-R-film™

No more spilling, evaporation, and contamination!

Seal-R-film™ sealing film seals beakers, flasks, and other vessels. The sealing film can be stretched to three times its original length. This means that Seal-R-film™ always fits, even with irregular shapes. For traceability, each roll has a lot identification.

With the BRAND cutter for sealing film you can cut rolls with widths of 50 and 100 mm efficiently and economically and store them cleanly.

Features:

- + Thickness: 0.14 +/- 0.02mm
- + Toxicity: non-toxic
- + Melting point: > 66°C (151°F)
- + Boiling point: > 288°C (550°F)
- + Continuous service temperature: -20°C to 46°C
- + Elasticity (25°C): 300%
- + Tear strength (25°C): 1.5 MPa

Gas permeability in 24h at room temperature and a pressure of 0.1 MPa:

CO<sub>2</sub> (carbon dioxide) < 1000 cm<sup>3</sup>/m<sup>2</sup>

O<sub>2</sub> (oxygen) < 350 cm<sup>3</sup>/m<sup>2</sup>

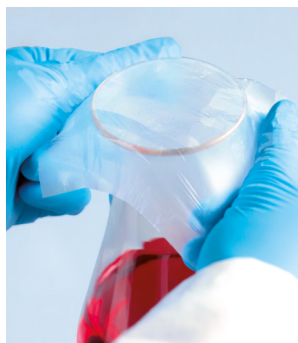
Water vapor permeability < 0.8 g/m<sup>2</sup>

## Easy to use

Simply take Seal-R-film™ from the roll, remove the paper, and pull it over the area to be sealed while stretching the film uniformly.



All product information  
can be found at  
[shop.brand.de](http://shop.brand.de)

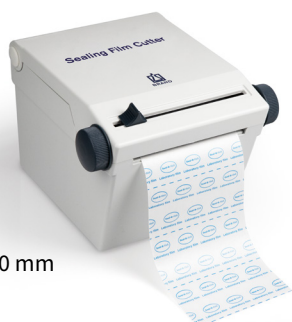


# Ordering information

## Seal-R-film™

Universal sealing film

Width x Length	Pack of roll	Cat. No.
100 mm x 38 m	12	701620
	1	701621
50 mm x 75 m	24	701622
	1	701623
100 mm x 75 m	12	701624
	1	701625
500 mm x 15 m	6	701626
	1	701627



### Cutter for sealing film

Suitable for 50 mm and 100 mm wide rolls.

Description	Pack of	Cat. No.
Cutter	1	701650

### Seal-R-film™ applications

- + Protecting sensitive samples from contamination
- + Sealing containers such as flasks, beakers, cuvettes, petri dishes and irregularly shaped containers
- + Covering plugs to ensure a very secure seal
- + Protecting from humidity for long-term storage

### Seal-R-film™ chemical resistance

The sealing film is resistant up to 48 hours against many polar substances, e.g., saline solutions, inorganic acids and alkaline solutions. After this period embrittlement may occur.

Effects of 48-hour exposure at 30°C, relative humidity 80%.

Medium	
<b>Acids</b>	
Hydrochloric acid (HCl) 36,5%	resistant
Sulfuric acid (H <sub>2</sub> SO <sub>4</sub> ) 98%	resistant
Nitric acid (HNO <sub>3</sub> ) 95%	resistant*
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) 30%	resistant
<b>Alkalis</b>	
Sodium hydroxide (NaOH) 22%	resistant
Ammonia (NH <sub>3</sub> ) 28%	resistant
<b>Saline solutions</b>	
Sodium chloride (NaCl) 20%	resistant
Potassium permanganate (KMnO <sub>4</sub> ) 5%	resistant*
Iodine solution 0.1 mol/l	resistant*
<b>Organic solvents</b>	
Methanol	resistant
Ethanol	resistant
Isopropanol	resistant

\* Brown coloration

**BRAND GMBH + CO KG**

P.O. Box 1155 | 97861 Wertheim | Germany

T +49 9342 808 0 | F +49 9342 808 98000 | [info@brand.de](mailto:info@brand.de) | [www.brand.de](http://www.brand.de)



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BRAND (Shanghai) Trading Co., Ltd.  
Shanghai, China

T +86 21 6422 2318  
[info@brand.com.cn](mailto:info@brand.com.cn)  
[china.brand.com.cn](http://china.brand.com.cn)

BRAND Scientific Equipment Pvt. Ltd.  
Mumbai, India

T +91 22 42957790  
[customersupport@brand.co.in](mailto:customersupport@brand.co.in)  
[www.brand.co.in](http://www.brand.co.in)

BrandTech® Scientific, Inc.  
Essex, CT. United States of America

T +1 860 767 2562  
[info@brandtech.com](mailto:info@brandtech.com)  
[www.brandtech.com](http://www.brandtech.com)