

What is Seal-R-film®?

Seal-R-film® is a semi-transparent, flexible, paraffin-coated plastic tape. It is self-sealing, waterproof, and can stretch up to 5 times its original size. This tape adheres securely to any surface, is safe to use, and easy to apply.

Code

PRC 2250

PRC 4125

PRC 4250

PRC 2050

thickness :

Long:

Width:

Sizes

2 in X 250 ft

4 in X 125 ft

4 in X 250 ft

20 in X 50 ft

+/- .0055 in (0.14mm)

Minimum 125 feet (38.1 m)

4.0 +/- 0.02 in (101.6 +/- 0.5mm)

Specifically designed for laboratories and glassware!

No more spills, evaporation, or contamination! Seal-R-film® sealing tape seals beakers, flasks, and other containers. It always fits, even with irregular shapes.

Technical Data

Gas permeability:

O₂ (oxygen) ≤ 350 (cm³/m²•24h•0.1MPa)

CO₂ (carbon dioxide) ≤ 1000 (cm³/m²•24h•0.1MPa)

Water vapor permeability in 24 hours ≤ 0.8 (g/m²)

Toxicity:

- Non-toxic

Chemical resistance:

Seal-R-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 hours of exposure at 30°C,
humidity relative 80%**

No.	Object	Result	Mark
1	36.5% Hydrochloric acid	Ok	
2	98% Sulphuric acid	Ok	
3	95% Nitric acid	Ok	Brown Coloration
4	22% Sodium hydroxide	Ok	
5	28% Ammonia	Ok	
6	20% Sodium chloride	Ok	
7	5% Potass. permanganate	Ok	Brown Coloration
8	0.1 mol/l Iodine solution	Ok	Brown Coloration
9	Methanol	Ok	
10	Ethanol	Ok	
11	Isopropanol	Ok	
12	30% Aquae Hydrogenii Dioxidi	Ok	

* OK means resistance

Brown Coloration is the inherent characteristics of the solution.