

CHEMICAL RESISTANCE TABLE

IMPORTANT REMARKS

This list of substances the six (6) mentioned types of elastomers are resistant to, has been taken from relevant literature (ISO/TR 7620-1986 and others) and is therefore merely a guide to intended use. It has been compiled as a guide and quick source of information for our customers.

The number of substances and the various applications involved, make it impossible to test the suitability of our materials for every conceivable application. The resistance of our elastomer sheetings must not be determined by comparing the substances listed against the type of elastomer.

Elastomer sheetings, especially sheetings for minor demands, must not solely be judged according to the type of elastomer.

We are able to give you any advice and/or perform specific tests in our laboratory in particular cases.

CLASSIFICATION

Please note the following, particularly concerning Oil- and Fuelresistancy:
The swelling at given quality is regarding the liquid test medium strongly depending on temperature and time. Due to this fact, differing classifications are possible at any time - please check precisely the referring datasheet.

Class	Change in volume in %	Effects upon physical properties
1	≤10	Insignificant or no detrimental influence, high resistance, suitable for continuous contact
2	>10<30	Slight influence, resistant.
3	>30≤60	Moderate influence, resistant to limited extent, suitable for short-term contact only, field-testing necessary
4	>60	Marked influence, not resistant.

OZONE CRACKING ACCORDING TO DIN 53509-1

Level	Characteristics
0	no cracks
1	short, narrow cracks
2	long, moderately wide cracks
3	long, wide

Please Note:

This catalogue has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operation conditions influence the application of each product, the information supplied in this catalogue can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether specified properties of our products are sufficient for the intended use. If there is any doubt (e.g. chemical resistance), do not hesitate to contact our qualified engineers. The use of our products is at the user's own risk. We do not have any influence concerning the application and individual usage. We do of course guarantee the quality of our products according to our general sales conditions, available on request.

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Subject to alteration without prior notice - All mentioned properties contained in this catalogue are guiding values representing longterm experience average.

Semperit Technische Produkte Gesellschaft m.b.H. & Co KG
A-2632 Wimpassing, Triester Bundesstraße 26
Telefon +43 2630 310-0*, Telefax +43 2630 310 320
E-Mail: semperflex@semperit.at, Internet: www.semperit.at