DURAN
WHEATON
KIMBLE
Excellence in your hands

NEW: DURAN® SILICONE LID

SMART AND SAFE COVERAGE

In order to prevent contamination during reactions and into the laboratory environment, DWK has developed a safety cover: The innovative DURAN® silicone lid

- **Versatile:** The new DURAN® silicone lid is suitable for a wide range of applications as it can be used to cover and seal a variety of differently shaped lab containers.
- **Safe:** The DURAN® silicone lid seals flush with the container and protects the contents from dust or splashes.
  With the help of the integrated pull tabs, the lid can be easily removed by hand or with gloves.
- **Identifiable:** Three different colours (pink, cyan and green) make it easy to colour mark different samples. In addition, sample information can be written with a lab marker on the marking field flap to indicate the sample.
- **Sustainable:** The DURAN® silicone lids are reusable, easy to clean and dishwasher-safe. This results in less waste, and a lower environment impact.

NEW IDEA: SEALING WITH SILICONE

Due to its excellent stretchability, the DURAN® silicone lid can be used as a cover for a wide variety of containers of different diameters and shapes. The wide overlapping sides of the silicone lid grips the vessel wall. This is useful, for example during mixing, to avoid leakage or splashing of the reaction medium. Because of the nature of the material, the DURAN® silicone lids are easy to clean, reusable and offer an environmentally friendly and economical alternative to other types of covers and films.

DURAN® SILICONE LID

Three flexible sizes, three bright colours, versatile and simple to use: The new way to cover vessels.

HANDLING THE SILICONE LID

Position the edge of the vessel opening in the groove located on the inner surface of the lid.

Now hold the silicone lid onto the outer edge with one hand and pull the rest of the lid with the other hand over the entire opening.

To ensure that the silicone lid fits correctly, it must be tightly seated on the vessel.

MATERIAL RESISTANCE

Substance groups + 23 °C	Silicone
Acetone	++
Acetonitrile	+
Chloroform	++
Dichloromethane	++
Dimethyl formamide (DMF)	+
Dimethyl sulfoxide (DMSO)	++
Ether (Diethylether)	++
Ethyl Alcohol	++
Hexane	++
Isopropyl Alcohol	++
Methyl Alcohol	++
Tetrahydrofuran (THF)	++
Toluene	+

++ = very good resistance
+ = good to conditional resistance

DURAN® SILICONE LID PRODUCT AND ORDER INFORMATION

Size	Opening diameter	Suitable for*					pc. / PU	Order no.		
		Beaker		Erlenmeyer flask		Measuring cylinder				
		Low form	High form	Narrow neck	Wide neck	HF = high form LF = low form		Pink	Cyan	Green
S	Stretch Ø 43 – 61 mm	50 ml 100 ml	50 ml 100 ml 150 ml	800 ml 1000 ml 2000 ml 5000 ml	200 ml 250 ml 300 ml 500 ml 1000 ml	500 ml (HF) 250 ml (LF)	1	29 110 1119	29 110 1127	29 110 1135
M	Stretch Ø 64 – 76 mm	150 ml 250 ml	250 ml 400 ml	-	-	1000 ml (HF) 500 ml (LF) 1000 ml (LF) 2000 ml (LF) 2000 ml (HF)	1	29 110 2115	29 110 2123	29 110 2131
L	Stretch Ø 84 – 116 mm	400 ml 600 ml	600 ml 800 ml	-	-	-	1	29 110 3111	29 110 3128	29 110 3136
Set S-M-L	1 piece each size						3	29 110 0011	29 110 0028	29 110 0036

* Only a selection of the compatible vessels are indicated. If suitable for the intended application, the lids may be used with other vessels.

TECHNICAL PRODUCT INFORMATION

The DURAN® silicone lid is made of stretchable, chemically resistant and heat-resistant silicone. The recommended usable temperature range is from -40 to +180 °C.

Note: Please note that prolonged exposure to a solvent will cause swelling of the material. Product applications with direct solvent contact must be tested and evaluated by the user prior to the start of the test. Furthermore, the relevant health and safety regulations must be observed.

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