

NEW: DURAN® SILICONE LIDS

SMART AND SAFE COVERAGE



DURAN
WHEATON
KIMBLE

Excellence in your hands

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SMART AND SAFE COVERAGE

In order to prevent contamination during reactions and into the laboratory environment, DWK Life Sciences has developed a safety cover: The innovative DURAN® silicone lid. Five flexible sizes, three bright colours, versatile and simple to use: The new way to cover vessels.

- **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.

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.



PRODUCT AND ORDER INFORMATION

Size	Opening diameter	Suitable for*					Pc. / PU	Order No.		
		Beaker		Erlenmeyer flask		Measuring cylinder		Pink	Cyan	Green
		Low form	High form	Narrow neck	Wide neck	HF = high form LF = low form				
S	Stretch Ø ≈ 43 - 61 mm	50 ml 100 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 11 19	29 110 11 27	29 110 11 35
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 21 15	29 110 21 23	29 110 21 31
L	Stretch Ø ≈ 84 - 100 mm	400 ml 600 ml	600 ml 800 ml	-	-	-	1	29 110 31 11	29 110 31 28	29 110 31 36
XL	Stretch Ø ≈ 102 - 120 mm	800 ml 1000 ml	1000 ml	-	-	-	1	29 110 41 16	29 110 41 24	29 110 41 32
XXL	Stretch Ø ≈ 132 - 147 mm	2000 ml	-	-	-	-	1	29 110 51 12	29 110 51 29	29 110 51 37
Set S-M-L 1 piece each size							3	29 110 00 11	29 110 00 28	29 110 00 36
Set XL-XXL 1 piece each size							2	29 110 00 44	29 110 00 52	29 110 00 69

* 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 stretchy DURAN® silicone lids are resistant to both chemicals and heat. They are recommended for use at temperatures between -40 and +180 °C. The DURAN® lids are manufactured from silicone, which is an autoclavable, and microwave-safe material. However due to the pressure changes that occur during autoclaving the lids may become loose, or tear, as a result they are not recommended for this type of application.

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.



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

* A selection of commonly used solvents were tested. No recommendations can be made regarding the compatibility of other solvents or chemicals.



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