DURAN® Silicone Lids

Brand: DWK Life Sciences | Premium Laboratory Closures

1. Product Overview & Key Advantages

The closure or covering of vessels is an everyday core workflow inside modern scientific laboratories. Historically, glass plates or disposable aluminium foil variants were utilized, both of which are disadvantageous regarding sustainability, handling safety, and lifetime environmental impacts. The newly developed DWK DURAN® flexible silicone lids offer a brilliant structural alternative to conventional covers. Engineered out of premium laboratory-grade silicone, these resilient closures are reusable, elastic, and ideally suited for covering an expansive range of round or square laboratory vessel openings.

- **Universal Elasticity:** Stretchable structure allows the matrix to easily fit varying container profiles, beaker openings, and specialized glassware shapes.
- **Integrated Extraction Flap:** Features an extended pulling tab tailored for swift cover removal with or without protective industrial gloves. The tab concurrently functions as a designated writing area for sample identification.
- **Color-Coded Differentiation:** Available in three bright color formats—Pink, Cyan, and Green—allowing immediate visual tracking, tracking classification, and workflow differentiation.
- **Autoclavable Material:** Lids are fully autoclavable and microwave-safe. *(Note: Lids should be unsealed/removed from glassware during autoclaving to prevent pressure build-up and potential material tears).*

2. Technical & Thermal Specifications

Parameter	Specification Data Value
Material Composition	Premium Laboratory-Grade Elastomeric Silicone
Thermal Operational Limit	-40 °C to +180 °C continuous operational rating
Chemical Sustainability	Highly resistant to acids, bases, and general laboratory reagents; fully reusable
Sterilization Matrix	Autoclavable (independent lid configuration only without structural glassware locking)
Microwave Compatibility	Fully certified safe for microwave radiation exposures

3. Product Matrix & Model Ordering Identifiers

Each standalone distinct size configuration is neatly shipped in pack units of **1 Piece per Pack**.

Size Class	Catalog Number	Color Variant	Diameter d (mm)	Height h (mm)
Size S	291101119	Pink	42.2	22.5
Size S	291101127	Cyan	42.2	22.5

Size S	291101135	Green	42.2	22.5
Size M	291102115	Pink	63.7	22.5
Size M	291102123	Cyan	63.7	22.5
Size M	291102131	Green	63.7	22.5
Size L	291103111	Pink	83.7	23.2
Size L	291103128	Cyan	83.7	23.2
Size L	291103136	Green	83.7	23.2
Size XL	291104116	Pink	98.7	23.2
Size XL	291104124	Cyan	98.7	23.2
Size XL	291104132	Green	98.7	23.2
Size XXL	291105112	Pink	128.0	23.2
Size XXL	291105129	Cyan	128.0	23.2
Size XXL	291105137	Green	128.0	23.2

4. Mixed Assortment Pre-Packaged Kits

For scaling laboratory setups requiring highly adaptive sizes for versatile vessel workflows:

Kit Type Profile	Assorted Component Items	Color Assignment	Total Pack Qty	Kit Ordering Code
Set S-M-L Assortment	1 Lid Size S 1 Lid Size M 1 Lid Size L	Pink Cyan Green	3 Lids Total	291100011 291100028 291100036
Set XL-XXL Assortment	2 Lids Size XL 2 Lids Size XXL	Pink / Cyan / Green Assorted Mix	6 Lids Total	291100044 291100052 291100069