

**new innovative AND NON LEAKING**  
**Screw Cap Tubes with Smart Closure Technology**

0.5 - 1.5 - 2.0 ML CONICAL and FREE STANDING in 10 DIFFERENT COLORS

**Welcome**

- Smart closure
- Non leakage
- Organic solvents
- Full recovery
- No molecule binding
- Color coded tube
- Color coded cap
- Boiling water-baths
- cold freezers
- Kit composers
- Proper SOP's
- Reproducibility guru's



**Farewell**

- O-rings
- Leakage
- Spillage
- Contamination
- Sample loss
- Degradated o-rings
- Mixing-up items
- Cracked-o-rings
- Inconsistency



## NEW SCREW CAP TUBES AND CLOSURE TECHNOLOGY

We at BIOplastics are proud to introduce another new innovative product, [Screw Cap Tubes with Smart Secure Closure Technology](#).

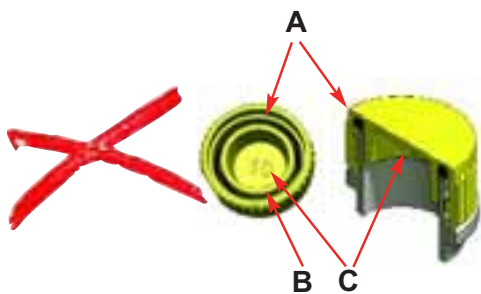
This new Smart secure closure technology is resulting in superior Screw Cap Tubes. The screw caps are designed in a way that the use of "old fashioned" rubber rings has become obsolete since its performance is superior, when compared to regular screw cap tubes. The absence of a rubber ring assures that the closure is not affected when in contact with organic solvents nor that leakage occurs due to hardening and unbalanced shrinkage caused by low and high temperatures and pressure.

The new Smart secure closure design allows frequent opening and closing, even in extreme conditions, without compromising the closure and also avoiding leakage.

## COLORED SCREW CAP TUBES AND COLORED SCREW CAPS

So far the marketplace uses screw cap tubes with colored caps. In some cases screw cap tubes are used with the caps attached to the tubes to prevent contamination of similar tubes by means of mixing up caps. However pipetting with an attached lid is not optimal since spacing of tubes, the overall footprint, and the chance of touching the inner part of the cap are major drawbacks. To overcome the use of attached caps and to prevent cross contamination by mixing up tubes and caps we have not only colored our screw caps but also offering our screw cap tubes in 10 different colors. BIOplastics is the first company in the world offering [COLORED SCREW CAP TUBES AND COLORED SCREW CAPS](#) which enable not only a wide variety of color coded combinations (colored tube and colored cap) but also severely reduces the chance of cross contamination caused by mixing up incorrect colored cap to tube closure.

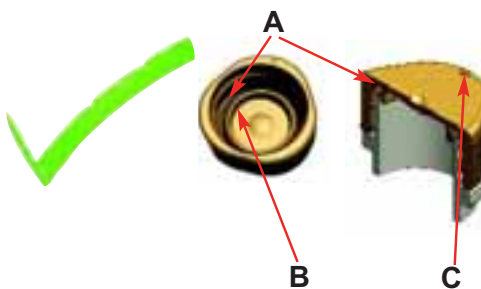
## OLD TRADITIONAL SCREW CAP TUBES AND CAP WITH O-RINGS



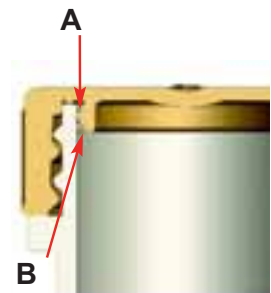
- A: Rubber ring, may contaminate your sample, dissolved in organic solutions, become brittle in time and may break at lower temperatures
- B: Inner cylinder sitting in the tube and causing lost of sample, inconsistency of result and increases contact sample to tub surface
- C: Cavity number inside the cap: source of binding and contamination



## NEW SCREW CAP TUBES AND CAPS WITH SMART SECURE CLOSURE



- A: Smart closure, avoids sample contaminate, withstands organic solutions, remains soft at extreme low and high temperatures
- B: Absence of cylinder sitting in the tube assures maximum sample recovery, consistency of result and decreases contact sample to tube surface
- C: Cavity number outside of the cap avoids binding and contamination



## TUBE AND CAP FACTS, THAT IS WHY AND **HOW IT WORKS** BETTER FOR YOU

### Triangular cap:

- decreases chance of rolling away
- easy handling & holding in hand

### Smart closure:

- avoids sample contamination
- remains soft at extreme low and high temperatures
- enables the use of organic solvents
- assures no leakage

### Absence of cylinder sitting in the tube:

- assures maximum sample recovery, consistency of results and decreases contact sample to tube surface

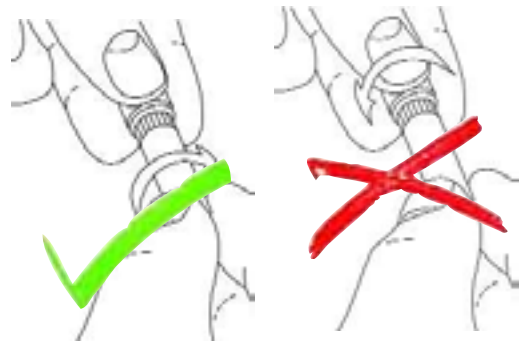
### No logo at inner side of cap:

- avoids sticking of molecules in corners and reducing total contact surface

## HOW TO OPEN AND CLOSE THE TUBES EASILY

This is how you do it.....

**SCREW THE TUBE TO THE CAP** instead of the cap to the tube



## FROSTED TUBES, CLEAR TRANSPARENT TUBES

The tubes are all slightly frosted to assure good grip even in wet conditions. If you apply a transparent label or regular cello tape your frosted tube becomes very clear and transparent at the label/tape position

## 0.5 ml Screw Cap Tubes

### Conical (without screw caps)

#### Orderno Description

B71057 Natural, 0.5 ml conical screw cap tube bag, 500

#### Package Size

B91002	red	B91005	yellow	B91008	amber	B91011	natural, sterile
B91003	blue	B91006	orange	B91009	white	B91012	SW colors
B91004	green	B91007	violet	B91010	black		



### Free Standing (without screw caps)

#### Orderno Description

B71060 Natural, 0.5 ml free standing screw cap tube bag, 500

#### Package Size

B91032	red	B91035	yellow	B91038	amber	B91041	natural, sterile
B91033	blue	B91036	orange	B91039	white	B91042	SW colors
B91034	green	B91037	violet	B91040	black		



## 1.5 ml Screw Cap Tubes

### Conical (without screw caps)

#### Orderno Description

B71058 Natural, 1.5 ml conical screw cap tube bag, 500

#### Package Size

B91102	red	B91105	yellow	B91108	amber	B91111	natural, sterile
B91103	blue	B91106	orange	B91109	white	B91112	SW colors
B91104	green	B91107	violet	B91110	black		



### Free Standing (without screw caps)

#### Orderno Description

B71061 Natural, 1.5 ml free standing screw cap tube .....bag, 500

#### Package Size

B91132	red	B91135	yellow	B91138	amber	B91141	natural, sterile
B91133	blue	B91136	orange	B91139	white	B91142	SW colors
B91134	green	B91137	violet	B91140	black		

