



Portola Packaging Ltd
UK Product Specification

38mm Super Twinseal Closure

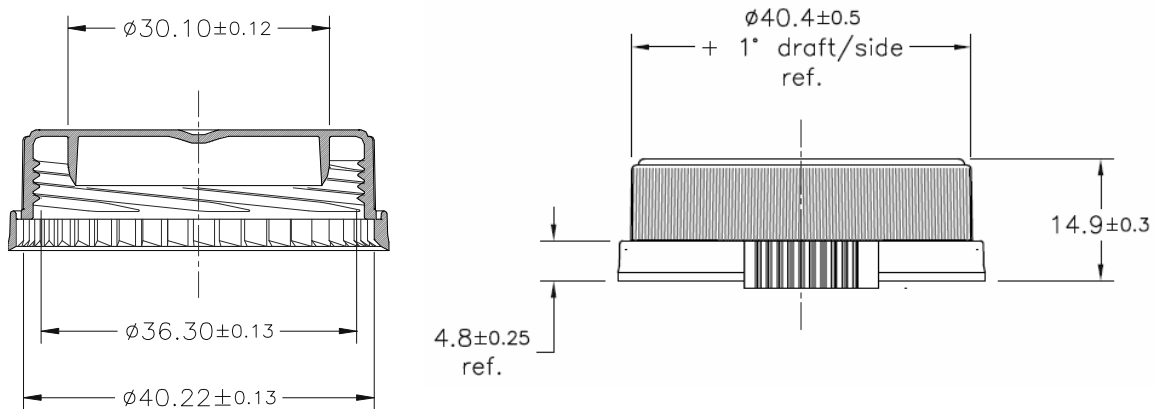


PRODUCT DESCRIPTION

The 38mm Super Twinseal is a screw on multi thread tamper evident closure, incorporating valve sealing technology, to be used in conjunction with none carbonated liquids. It is recommended that the final closure application is by conventional torque methods. It is removed by pulling the integral tear band in an anti clockwise direction, and unscrewing the closure. When the closure is fully reapplied by means of screwing, the valve creates a re-seal.

Product Code:335. Weight 3.2g±0.3g. Material; LDPE

DIMENSIONS



PACKING METHOD

- Approx 1000 caps per bag, 2 bags per box.
- 25 boxes per pallet.
- 50,000 caps per pallet.
- Carton Identification - each filled carton will display the following, name of manufacturer, date of manufacture, mould identification, product name and colour, average quantity and box number.
- Corrugated carton - Board grade 175K/150FR/180T3/C.
- Pallet Identification - part number, pallet number, date, Qty

PALLET DETAILS

- Width 1000mm
 - Length 1200mm
 - Height 1600mm
 - Weight 192.5Kg
- Including Pallet

MATERIALS

All raw materials used in the process including additives and masterbatches are fully approved for direct food contact and meet the requirement of all relevant EU directives and the FDA (Food and Drug Administration).

RECOMMENDED STORAGE CONDITIONS

- In a dry dust free environment..
- Product should not be stored where it is subject to water damage or exposure to chemicals or odour.
- Keep the cartons closed and taped and bags knotted at all times until immediately prior to use, if less than a full carton is to be used, the bag containing the remaining closures should be retied and the top flaps of the carton secured to prevent contamination.
- Product should be stored in temperatures between 10°C and 30°C for 24 hours prior to use.
- Maximum storage temperature prior to application 6 months 5-30°C
- Minimum storage temperature after application 3°C
- Maximum storage temperature after application 25°C
- Maximum palletized limit; 2 high with layer pad.
- Product to be stored in low UV conditions out of direct sunlight.
- Maximum recommended time on container, 12 months.

SUITABILITY TESTING

- Taint and Odour - to test for tainting of the water under certain conditions.

ASTHETICS

- Colours - Available in wide variety of Portola standard colours Blue, Red, and Green.
- Custom colours also available based on volume.

HANDLING & APPLICATION

- If fed to hopper/sorter, transportation to be via belt convey or with flights used. Ensure there are no trap points as to cause damage.
- Sorter to ensure smooth feed with no trap points to cause jam-ups or damage to closures. Sorter should be able to sort the caps at both extremes of height allowance. This is a minimum of 14.6mm and maximum of 15.2mm.
- Chute to be constructed to ensure closures feed freely without being able to jam or piggy - back.
- Application of cap should be consistent in feed and height position of cap. The use of a pre spin finger and ski plate to engage threads is recommended to ensure the cap is not dislodged as the bottle is transferred to the capping turret pedestals.
- Capping chucks to be set to target an application on-torque of 1.2Nm (1.0 Nm min, 1.5Nm max)
- The jaws of the Chucks must be set to fully grip the cap in order to transmit this torque without slipping on cap. Caps should show no damage to the Knurl pattern.
- Removal Torque should always be less than 2.2Nm (TE Band Removed)
- Head Load Springs should be 60 – 90 N to optimize Torque and Grip
- Bottle change parts should be able to control bottles to resist turning as torque is applied.

IMPORTANT NOTE

While the supplier (Portola Packaging) take every precaution and use both their experience and that of their suppliers in the selection of materials and processing of the product, it is deemed ultimately the responsibility of the client to confirm and maintain tests which assure compatibility with the product and mating items. In respect of but not limited to integrity of product, security of package, taint and smell.

It is the customers responsibility to ensure local regulations are met, as the supplier has no way of knowing the areas or countries the product will be sold or marketed in.

The supplier's responsibility shall be restricted to notification of proposed changes in conditions or materials, which may require secondary testing and customer approval.