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Product Specification

Product Reference: P038TFD

Description: 38mm TLJ Sports Cap Foiled

1. Description and Suitability

The 38mm 2 Lead TLJ Sports Cap is a 3 piece threaded tamper evident closure, typically used on tight tolerance PET or PVC injection blow molded bottles, recommended for use with PET finish PCF-38P-1. The closure is available only with a foil seal and can be used in Hot-Fill applications. This closure is not recommended for carbonated beverage applications. Tamper Evidence is provided by the retained Drop Down J-band and a TE band on the pull up spout. The Dust Cover can be supplied already assembled, or as a separate item to be applied after filling on certain Hot Fill Applications.

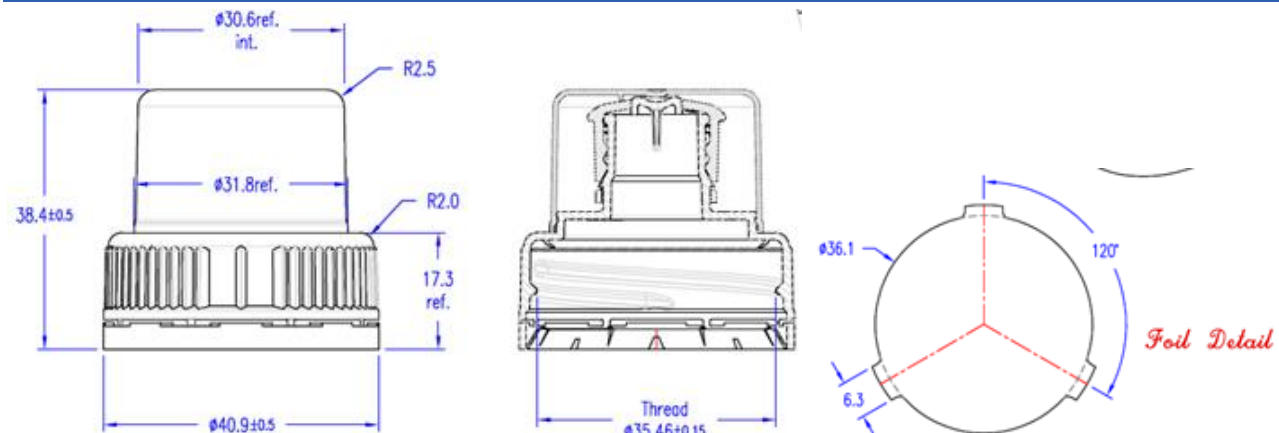
This closure complies with the BSDA and IBWA code of practice for Sports closures.

WARNING: CHOKING HAZARD – Cap not suitable for children less than 36 months, as it contains small parts, products using this closure must carry a clear warning label.

2. Limitations

This product is not suitable for use with alcoholic beverages, carbonated products or products to be stored below 0 degrees C.

3. Reference Dimensions



Height	Up to 38.9mm	Width	Up to 41.4mm	Part weight range	6.6g – 7.0g +0.2g liner
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4. Packaging

- With Dust Cover Assembled - Packed 1400 caps per box, 30 boxes per pallet,
- 42k caps per pallet, Dimensions – 1200 x 1000 x 2300 high
- Without Dust Cover Assembled - Packed 1350 caps per box, 35 boxes per pallet,
- 47,250k caps per pallet, Dimensions – 1200 x 1000 x 2200 high
- Dust Covers supplied seperately - Packed 3300 caps per box, 30 boxes per pallet,
- 99k caps per pallet, Dimensions – 1200 x 1000 x 2300 high
- Corrugated carton

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- Cartons are standard board containing PE liner bag closed, outer board is sealed along length of openings for domestic shipments and also across width for export shipments
- Carton Identification – Each filled carton will display the name of manufacturer, date of manufacture, product identification code and name, base and spout colour, average quantity, box number and best before date

5. Materials and recycling

All materials used in the process including additives and masterbatches are fully approved for direct food contact and meet the requirements of all relevant EU directives and the FDA (Food and Drug Administration). This applies to the base cap, spout and dust cover.

Whilst the supplier, Silgan Closures, takes every precaution and uses 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 and transportation of package, taint and smell.

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

Assembled material is visibly inspected 100% by automated systems and functionally tested only on an AQL basis compliant with standard.

The closures are made of LDPE (low density polyethylene) and PP (polypropylene) and as such may be recycled after use. The foil liner is a multi-layer laminated material and as such is not recyclable. Unless otherwise stated no post-consumer recycled material is used in the manufacture of these closures.

6. Recommended storage

- In a dry, dust free environment
- Production shall be rotated on a “first in first out” basis
- Product should not be stored where it is subject to water damage or exposure to chemicals or odour
- Keep the cartons closed and bags knotted at all times until immediately prior to use
- Avoid double stacking which will cause damage to packaging or product within
- Recommend that cartons be stacked one pallet high only
- Avoid temperature extremities keep away from temperatures below 5°C and above 30°C
- It is further recommended that the caps are stored in temperatures between 10°C and 30°C 24 hours prior to use
- The closures must be applied to the container within 9 months from the Date of Manufacture (DoM)
- When a closures has been applied to a container (within the timescale stated above) it can remain on the container for up to a total of 18 months from DoM
- The maximum shelf life for caps is 18 months from the DoM
- Shelf life is subject to correct application, storage and temperature limits as shown

7. Application and usage

It is extremely important to ensure lines are suitable for the application of the closure this will assure the user of efficiency of application as well as assure later correct functioning and shelf life of the product.

It is highly recommended that detailed pre and post commissioning is undertaken to establish suitability of the equipment and process prior to commercial production.

- If fed to hopper/sorter 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
- 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 should be set to apply caps between 14-18lbf (1.6-2.0 Nm) with a recommended minimum of 3.5 full rotations

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- The jaws of the Chucks must be set to fully grip the cap to be able to transmit this torque without slipping on the finger grip of cap
- Bottle change parts should be able to control bottles to resist turning as torque is applied

In the event tear bands are found broken always verify the alignment, head load and part feed to pick off for obstruction or collision points.

Silgan are happy to provide quotation and can assist in the specification and supply of all required inspection and test equipment if required.

8. Post production verification

Silgan Closures recommend that following commissioning testing product in pallet form is stored for 14 days prior to shipping and stacked in the format intended for usual storage.

It is then recommended the product is shipped in an intended format replicating shipping conditions and temperatures and verified on return and meeting the client’s objectives.

These cautionary tests accommodate variables that Silgan are not necessarily able to replicate including gas loss in the event Nitrogen is used as a packaging support.

9. Warranty

Silgan Closures and or associated companies warrant that the product meets all specifications and AQL Standards. In the event of proven defect outside such agreed limits Silgan will replace the supplied closures at their own expense such replacement not to exceed the value of the supplied goods and their own standard terms and conditions of supply unless agreed in writing by an officer of company in advance.

Silgan closures take every precaution and use their experience and that of their suppliers in the selection of materials and processing of the product however it is deemed the responsibility of the client to ensure correct and maintained application control and verify compatibility of the product for their intended use.

It is the customer’s 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.

Prior to commercialisation and placing of orders a copy of this Specification along with Silgan Terms and Conditions should be signed and sent back to doncaster.quality.enquiries@silgan-closures.com.

Please sign and return this page within 14 days of receipt of the specification.

If after a total of 28 days from the receipt of the specification we have not received either a signed copy of the specification or discussed and recorded any derogation or deviation from this specification, we will deem that the specification has been accepted. No further contact regarding formal approval of this specification will be made.

Specification Agreement and Authorisation				
Supplier	Name	Position	Signature	Date
Customer	Name	Position	Signature	Date

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