

# Connection Matters. Sanner Tethered Cap.

Effervescent packaging meets  
circular thinking.

Sanner's Tethered Cap, featuring a TE-safety ring  
that stays attached.



Protecting Health.





## Elevate your sustainability profile.

How it works



- ✓ Cap stays attached after opening, aligning with modern sustainable packaging trends.
- ✓ Enhances eco-friendly brand image.
- ✓ Facilitates sustainable consumption behavior.



## Support circular economy.

The tamper-evident ring stays attached to the closure to:

- ✓ Simplify the entire packaging disposal for consumers.
- ✓ Ensure all plastic components enter the recycling stream.
- ✓ Reduce the risk of environmental microplastics.





## Experience plug-and-play applicability.

- ✓ Proven Sanner quality for effective product protection is maintained.
- ✓ Intuitive, easy opening and reclosing as usual.
- ✓ No process disruptions, no machine changes required.
- ✓ Fully compatible with existing filling lines.

# Regulatory & Recyclability

Sanner Tethered Cap is a recyclable solution that helps to reduce the environmental impact of plastic packaging.

- ✓ Minimum standard for measuring the recycling capacity of the ZSVR.
- ✓ DIN EN 13430 with regard to material recyclability in the post-use phase.
- ✓ DIN EN ISO 14021.

## CERTIFICATE

Recyclability of Packaging

**SANNER GmbH**  
Bertha-Benz-Straße 5  
64625 Bensheim | Germany

The company receives the certification of recyclability for the following packaging:

**Designation**  
Tube T27/144 TE with IML + closure DASG-1 Tethered Cap  
Filled 100 ml tube with PE-based closure (incl. safety ring) remaining on the tube

**Test result**

Permitted in sortspecification:	Polypropylene, e.g. Fraction No. 324 (DE)
	Mixed Polypropylene, Fraction No. 323 (DE)
	Mixed Plastics, e.g. Fraction No. 350 - 352 (DE)

**Assessment via path:** Path 3: Polypropylene

**Recyclate (final product):** PP granulate

**Test standard**  
EN 13430 assessment standard for 0% recycling  
Notes on the certification process, conformity with the following standards was also checked:  
EN 13430 with regard to measuring the recycling capacity of the ZSVR on the currently valid version  
EN 13430 with regard to material recyclability in the post-use phase  
EN 13430, see annex

The result of the assessment amounts to:

**Recyclability = 89 %**



In accordance with the test results the potential recycle yield of the packaging amounts to 89 %.

This certificate (No. 2169-2025-004795) is valid until 30/09/2026 (1 year upon issue). This certificate will lose validity in case of qualitative or quantitative changes of packaging components or decoration.

Aachen, dated 01/08/2025

Thomas Hermanns, EA  
Filling, control and assessment  
Chairman of the Institute and Commission, Aachen

Recycling capacity: 89%  
Recyclability: 15 - 100% Sanner  
Phone: +49 (0) 2461 - 14550-0



## Technical details

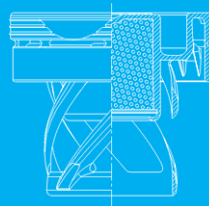
Sanner's Tethered Cap is an optimized evolution of our proven closure design, featuring a TE-safety ring that stays attached – no separate disposal needed.

### Function

- Fully preserves original Sanner closure quality.
- Tamper-evident function.
- Integrated spacer keeps tablets secure during transportation.
- Available in customized colors.
- Intuitive, easy opening and reclosing.

### Size DASG-1<sup>1</sup>

- Head plate<sup>2</sup> = Ø 34.6 mm
- Sealing<sup>2</sup> = Ø 27.8 mm
- Overall height<sup>2</sup> = 31.0 mm
- Material = PE-LD
- Desiccant weight = 1.8–1.9 g
- EU Food & Pharma contact compliance



<sup>1</sup> Other closures on request. <sup>2</sup> All dimensions are approximate. For actual measurements and data please ask for the product specification and technical data sheets.

Sanner's Tethered Cap is an eco-friendly, patent-pending closure that combines sustainability with maximum product protection, offering global coverage.

### **Moisture protection for all climate zones**

- Appropriate desiccation ensures proven shelf-life properties for all climate zones.
- Desiccant types:
  - 100% Silica Gel
  - 100% Molecular Sieve
  - 60% Molecular Sieve / 40% Silica Gel blend

### **Fitting tubes**

Sanner Tethered Cap DASG-1 fits perfectly with:

- Tubes for Ø 25 mm effervescent tablets.
- 14 tube formats from 53–175 mm length (off the shelf).
- Offset-printed or IML decorated Sanner tubes.

Stay ahead of the curve –  
connect with our experts today!



[sales@sanner-group.com](mailto:sales@sanner-group.com)

[www.sanner-group.com](http://www.sanner-group.com)



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