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Assembled Droppers DIN18 – ALU

Technical Data Sheet (TDS)

Silver · Gold · Rose · Matte Silver · Premium — aluminium collar, NBR teat, glass pipette

Document No. TDS-DR-ALU | Revision 01 | Issued 30.10.2026

1. Product Description

Ready-assembled glass droppers with a decorative aluminium collar with polypropylene (PP) inner thread part, a nitrile rubber (NBR) teat and a straight-tip glass pipette. The ALU collars are not tamper-evident.

2. Components and Materials

Component	Material	Description
Collar	Aluminium + PP	Smooth aluminium shell with PP inner thread part, non-tamper-evident; nominal height 14.6 mm (Silver, Gold, Matte), 16.8 mm (Rose, Premium)
Teat (bulb)	Nitrile rubber (NBR)	Squeeze bulb, white or black (see variants); nominal Ø 16.2 mm × 22.6 mm
Pipette	Glass	Straight-tip glass pipette, nominal outer Ø 7.0 mm; plain or with printed graduation marks

3. Variants

Variant	Code prefix	Teat	Collar
ALU Silver Day / Night	KAPALSIDA / KAPALSINI	white / black	aluminium silver, shiny, smooth
ALU Gold Day / Night	KAPALGODA / KAPALGONI	white / black	aluminium gold, shiny, smooth
ALU Rose Day / Night	KAPALRODA / KAPALRONI	white / black	aluminium rose, shiny, smooth
ALU Matte Silver Day / Night	KAPALSIMADA / KAPALSIMANI	white / black	aluminium silver, matte
ALU Premium Silver Day / Night	KAPALPRSIDA / KAPALPRSINI	white / black	aluminium silver with 2 rings
ALU Premium Gold Day / Night	KAPALPRGODA / KAPALPRGONI	white / black	aluminium gold with 2 rings

Suffix PL = plain pipette (without graduation), GR = pipette with printed graduation marks.

4. Sizes and Technical Data

For bottle	Code – plain (example)	Code – graduated (example)	Pipette length	Graduation (GR)	Unit weight
5 ml	KAPALSIDA05MLPLNBR	KAPALSIDA05MLGRNBR	48 mm	0.25 / 0.5 / 0.75 ml	4.7 g
10 ml	KAPALSIDA10MLPLNBR	KAPALSIDA10MLGRNBR	58 mm	0.25 / 0.5 / 0.75 / 1.0 ml	5.4 g
15 ml	KAPALSIDA15MLPLNBR	KAPALSIDA15MLGRNBR	63 mm	0.25 / 0.5 / 0.75 / 1.0	5.6 g

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				ml	
20 ml	KAPALSIDA20MLPLNBR	KAPALSIDA20MLGRNBR	70 mm	0.25 / 0.5 / 0.75 / 1.0 ml	5.8 g
30 ml	KAPALSIDA30MLPLNBR	KAPALSIDA30MLGRNBR	77 mm	0.25 / 0.5 / 0.75 / 1.0 ml	6.0 g
50 ml	KAPALSIDA50MLPLNBR	KAPALSIDA50MLGRNBR	90 mm	0.25 / 0.5 / 0.75 / 1.0 ml	6.4 g
100 ml	KAPALSIDA100MLPLNBR	KAPALSIDA100MLGRNBR	108 mm	0.25 / 0.5 / 0.75 / 1.0 ml	7.0 g

Codes are shown for the first variant; other variants use the same structure with their own prefix.

5. Dimensions and Tolerances

All dimensions, volumes and weights stated in this document are nominal values. Manufacturing tolerances apply as listed below. Glass parts may vary slightly due to the glass forming process; such variations within the stated tolerances are not considered defects.

Characteristic	Tolerance
Overall length of the assembled dropper	± 1.5 mm
Glass pipette length	± 1.0 mm
Glass pipette outer diameter	± 0.3 mm
Collar outer diameter	± 0.3 mm
Collar height	± 0.5 mm
Teat dimensions (diameter, height)	± 0.5 mm
Unit weight	± 15 %
Graduation marks (graduated pipettes)	indicative only, volume ± 10 %; not a measuring instrument
Colour (teat, collar, print)	minor shade variations between production batches are possible

6. Compatibility

- Thread: DIN18 / GL18 (18 mm), for glass bottles with DIN18/GL18 neck finish (e.g. our amber glass bottles 5–100 ml).
- Select the dropper size to match the bottle volume, so that the pipette reaches close to the bottom of the bottle.
- Typical uses: essential oils, CBD and herbal oils, serums, cosmetic and food-supplement liquids, laboratory solutions.
- Aluminium surfaces may show slight differences in shade and gloss between batches; light surface marks from handling are possible.

7. Packaging and Logistics

Size	Pcs / carton	Carton (cm)	Carton gross (kg)	Pcs / pallet	Pallet gross (kg)
5 ml	2,000	50x40x25	10.4	40,000	228
10 ml	2,000	52x39x25	12.0	40,000	260
15 ml	1,500	52x39x25	9.4	30,000	208

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20 ml	1,500	50x40x25	9.7	30,000	214
30 ml	1,500	52x39x25	10.2	30,000	224
50 ml	1,500	52x39x25	10.2	30,000	224
100 ml	1,000	52x39x25	7.85	20,000	177

Pallet: EUR 120 × 80 × 140 cm, 20 cartons (4 cartons per layer, 5 layers). Customs tariff (HS) code: 3923 50 10. Values are typical and may vary slightly with the variant.

8. Storage and Handling

- Store in the original closed packaging in a clean, dry place at room temperature (5–30 °C), protected from direct sunlight, dust and contamination.
- Rubber and plastic parts should be used within 24 months from delivery.
- Handle glass components with care; do not drop or expose to sudden temperature changes.

9. Quality and Regulatory Information

- Production and quality management at Kadrovik d.o.o. operate under an ISO 9001:2015 certified quality management system.
- Each delivery is traceable by batch (LOT) number. A Certificate of Analysis / Quality can be issued per batch on request.
- Declarations of compliance (material composition, REACH/SVHC, food-contact materials, packaging and packaging waste – PPWR) are available on request.
- The customer is responsible for verifying the suitability and compatibility of the product with its own formulation and filling process (e.g. stability, migration and leakage tests).

10. Revision History

Revision	Date	Description
01	30.10.2026	New issue (supersedes all previous TDS versions for this product group).

The information in this document is based on our current knowledge and represents typical values. It does not constitute a warranty of specific properties. Kadrovik d.o.o. reserves the right to change specifications without prior notice. The valid version of this document is available on request from info@packaging.si.