

SPEC-PRO

ADVANCED HYDRATION VESSEL: COMPONENT ANALYSIS & FUNCTIONALITY



Assembled State & Spout Operation

The diagram illustrates the operation of the spout. It shows the "Secure-Fit Lid" in its closed position and then the "Quick-Access Spout" in its open position, allowing for easy drinking.

Material:	High-Grade Insulated
Body:	Stainless Steel
Lid:	Matte-Finished Food-Safe Polymer
Straw:	Food-Finished Foods Polymer

Materials & Thermal Properties

The diagram shows the components of the hydration vessel with their respective materials and thermal properties:

- Lid: Matte-Finished Food-Safe Polymer
- Inner-Core Valve: Biocompatible Silicone
- Straw: Borosilicate Glass
- Body: High-Grade Insulated Stainless Steel

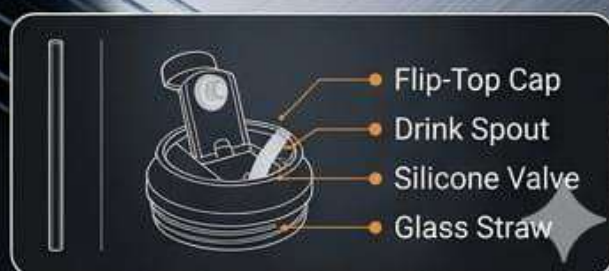
Thermal Insulation: 12 Hours Hot / 24 Hours Cold

Weight:	350g
Capac:	500ml
Weight:	3.0g
Size:	1.0m



Glass straw

| Glass straw | groove in
instead details to align
the side-molded edges





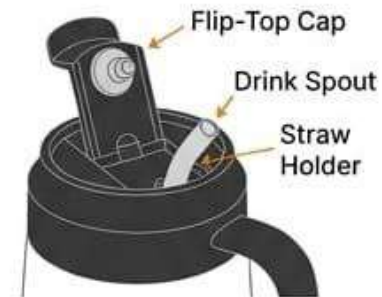
front view



front view



Glass straw | groove in side-molded edges



Secure Multi-Functional Lid Design

Components Breakdown



