

altomus™
38mm SPORTS CAP

inspiring excellence

High-flow nozzle for convenient drinking



Nozzle housing with co-moulded thermoplastic rubber seal



Alto has succeeded where no other closure manufacturer has. We have produced the first thermoplastic rubber lined (no foil required) sports sipper cap in the world. The question you might ask however is: "Why is this so important?"

It is important for three very good reasons as the Altomus Sports Cap is:

- **SAFER** for children to use because of its patented nozzle locking system.
- **SECURE** against tampering and the threat of bioterrorism because of its 100% visible TE tear seal band on its patented one-piece body and overcap.
- **CONVENIENT** to use because of its high-flow nozzle and having no induction foil seal.

Patented tortuous path, liquid-tight interlocking clip mechanism



A world-first patented design, produced with rigorous attention to detail, the Altomus Sports Cap is suitable for hot, cold and aseptic filling.

Hot, cold and aseptic fill capability

SAFETY

The Altomus Sports Cap is the safest sports sipper cap available today.

Its patented child-safe locking mechanism and high pull-off force resistance prevents even the most determined youngster from removing and possibly choking on the nozzle. This ensures that this sports cap is safe for consumers of all age groups, and is especially safe for little children.

**Patented nozzle
with child-safe
locking mechanism
for added safety**



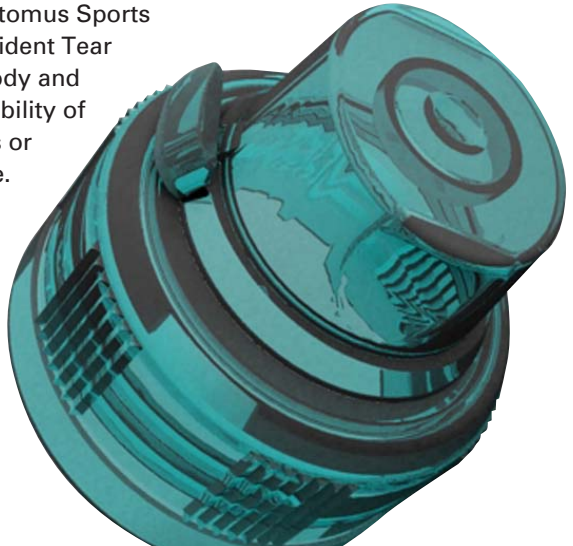
SECURITY

The Altomus Sports Cap delivers enhanced security to both the brand owner and the consumer.

In addition to the standard type of Tamper Evident Band between the cap and bottle, the Altomus Sports Cap has a 100% visible Tamper Evident Tear Seal Band on the one-piece cap body and overcap. This eliminates any possibility of tampering with either the contents or the closure, without clear evidence.

This sets a new standard and delivers the highest level yet of Tamper Evidence and consumer security for a sports closure.

**Patented one-piece
body and overcap
with airtight seal**



CONVENIENCE

With no induction foil seal to remove and a high-flow nozzle, (tested at a significantly higher flow rate to current sports caps) the Altomus Sports Cap provides consumers with both easy opening and high-flow drinking; making it the most convenient sports cap available today.

Because there are no annoying induction foil seals to contend with, consumers no longer have to endure the awkward removal and potential for spills that are often associated with these kinds of seal.

All the features of the Altomus Sports Cap come together to make this the most advanced sports closure available.

In addition to all of its other benefits, the Altomus Sports Cap also delivers higher productivity with its time-saving single application point on the filling line. (ie. no second application of a separate overcap).



100% visible tamper-evident tear-off band for consumer-secure drinking

Alto is New Zealand's largest rigid plastics packaging company.

We are committed to finding innovative solutions unique to our customers' needs.

**Our vision and values underscore everything we do.
And everything we do is designed to help you in
your business.**

Processes

Extrusion blow-moulding

Injection stretch blow-moulding

Injection (thin-wall, technical)

Extrusion (rigid, foam)

Thermo-forming (rigid, foam)

Decoration (IML, label, offset print)

New product development

Product and process design

Tool design and fabrication

Plant and machinery
installation

**To secure the Altomus Sports Cap for
your business or for more information
on the next generation of sports caps,
contact Alto Holdings Limited.**



inspiring excellence

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