



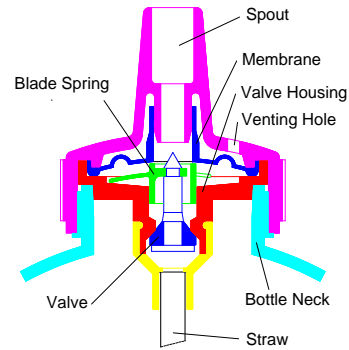
New Closure Means

for

Baby Cups
Non-spilling
Cups
Sport Bottles
Elderly care
Disposable
bottles



Self Regulating Spout (SRS)



The SRS works as follows:

The Self Regulating Spout (SRS) consists of a suction piece (spout), a valve housing with a valve that closes off the inside of the bottle from the outside. The valve is held in place by a (blade)-spring, that pulls the valve close, when the bottle is not in use. A membrane above the valve moves up and down, when there is a pressure difference over the membrane.

When someone sucks on the spout a vacuum is created under the membrane, while the atmospheric pressure remains on the upper site, by a venting hole in the spout. The pressure difference over the membrane thus created, moves the membrane downwards, thereby pushing the valve open.

Access to the fluid is now established and the fluid flows to the mouth. By using an internal straw, the bottle or cup can be sucked empty in the upright position.

As soon as the suction stops, the membrane moves back to its original position and the spring closes the valve.

When carbonized drinks are used, the carbon dioxide cannot leave the bottle and therefore the fluid will not go flat.

Advantages of the SRS system:

Relative to other drinking solutions on the market, the SRS offer the following advantages:

- There is no need to open the bottle or cup (Easy access)
- The bottle will not leak when overthrown
- Carbonized drinks will not go flat
- The SRS can be used for hot and cold drinks
- No spilling of fluid when drinking, while in motion
- The bottle or cup can be sucked empty in the upright position.

The SRS is applicable to bottles, cups or cans for:

- Disposable bottles, in the Soft drink industry
- The non-disposable bottles (Bidons) used with sport activities
- Children and elderly care (Non-spilling Cup)

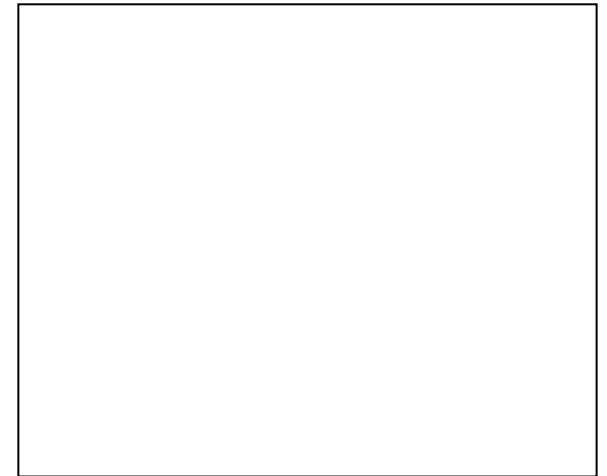
In other words the SRS is applicable to all situations, whereby a beverage is used for consumption without leaking and spilling.





Ordering information:

The **Non-spilling Cup/ Bidons/ Baby Cups** or other products using the **SRS**, can be ordered with the following agent or distributor:



General information:

For more information on the **SRS**; see our internet site: www.enpros.nl, or write or fax to:

ENPROS International BV
P.O. Box 72
2910 AB Nieuwerkerk a/d IJssel
The Netherlands

Tel.: +31-(0)180-390138
Fax.: +31-(0)180-390139
Email: info@enpros.nl



The **SRS** used for non-spilling cups



Sport bottle (Bidon) with **SRS**