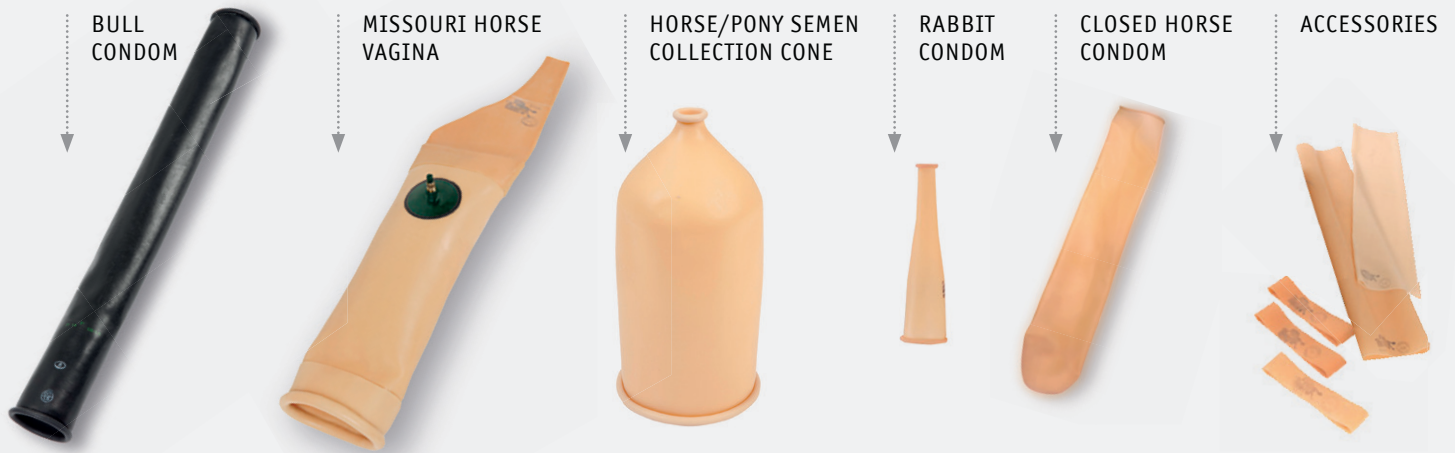


Assisted Animal Reproduction

Vasiforms for **Semen Collection** /
Artificial Vagina / Accessories





Thanks to 70-years of expertise in elastomer manufacturing, PIERCAN has developed skills in the field of animal health and reproduction. We produce a number of customized products for assisted animal reproduction: semen collection (condoms for bulls, ponies, etc.), or to stimulate the male breeding animal (artificial rabbit vagina, etc.), via systems such as specific textures or integrated liquid containers.



Wide Choice
of moulds, shapes
and materials



Customized Products
perfectly matching
your specifications



Thorough Control
of the physicochemical
properties of elastomers



Compatible with
cleaning agents and
surface sterilization



Perfect Control
for each product & marking
for total traceability

Areas of Application



VETERINARY - RESEARCH



PRESERVATION - WILD SPECIES



STUD FARM



AGRICULTURAL - FARMER

Types of animals



RABBIT



CANINE



PORCINE



EQUINE



BOVINE



Other species
(domestic and wild animals)

CUSTOMIZED OFFER

Based on your specifications, Piercan offers appropriate solutions. Our customised products fit the animal and ensure excellent efficiency with the possibility of choosing materials and textures, dimensions (length, diameter, thickness), shape...

The quantities per order range from prototypes (2-4 pieces) to large productions.

Specificity of the products

NATURAL RUBBER

MISSOURI HORSE VAGINA

For equine semen collection.
Double-walled latex liner with valve that allows filling with hot water and allows air to be added to adjust the internal pressure. Held in place by a protective synthetic leather sleeve.

- Length: 70 cm
- Diameter: 12 cm
- Thickness: 2 mm
- Composed of 3 parts assembled by gluing
- Reusable / Can be sterilized



NATURAL RUBBER

HORSE/PONY SEMEN COLLECTION CONE

The insulated protector cone will cover the semen receptacle during the semen collection process. Attached to the artificial vagina body rigid equipped with the water chamber.

- Length: 27 cm
- Diameter: 13 cm
- Thickness: 1.2 mm
- Reusable / Can be sterilized



NEOPRENE

BULL CONDOM

Extremely durable smooth neoprene liner for bovine artificial rigid vagina. The textured inner surface is customizable according to the bulls which allows to obtain qualitative semen.

- Length: 48 cm
- Diameter: 4.8 cm
- Thickness: 0.8 mm
- Reusable / Can be sterilized



NATURAL RUBBER

RABBIT CONDOM

Liner for rabbit artificial vagina for collecting rabbit semen - with injection site.

- Length: 13 cm
- Thickness: 0.5 mm
- Can be sterilized / Reusable



NATURAL RUBBER

ACCESSORIES (tubes and elastics)

Various accessories to complet the equipments available on request and adapted to other products supplied by PIERCAN.

- Diameter, length and thickness can be customized
- Reusable / Can be sterilized



NATURAL RUBBER

CLOSED HORSE CONDOM

Can be used like an alternative solution for semen collection for the stallion reluctant to breed an artificial vagina.

- Thickness: 0.5 mm
- Can be sterilized



Materials Properties

NATURAL RUBBER LATEX



Excellent dexterity, good mechanical and elastic properties. Good resistance at high temperatures (90°C max). **The least expensive of similar elastomers;** much more economical than silicones. Excellent precision, **good resistance** to alcohols, weak acids and diluted bases. **No CMR chemical agents** (dangerous for animals). Lighter (density: 0.95) than silicone (density: 1.25).

NEOPRENE



Polychloroprene material. **Good mechanical** protection. **Good resistance to chemicals** (versatility). **Great flexibility** and **excellent dexterity.** Very good **resistance to sterilization agents** (hydrogen peroxide) and radiation sterilization (Gamma and Beta rays). Density: 1.30.

OUR STRENGTHS

- **Expert** in the manufacture of technical parts in **Rubber** and **Neoprene** (Emulsion dipping process).
- **Good knowledge** of the **medical, biological, veterinary** and **research** fields.
- Production tools adapted to the market and **capable of meeting specific demands** (from prototypes to high volume production).
- **Production line entirely made on the Piercan factory** (France / USA).

From the design to the realized part of **the products**

PIERCAN masters a wide range of elastomer processing techniques to realize your rubber part and offers you the most suitable processes for your project.

THE **DESIGN**



- **Engineering office:** It analyzes your requests and assists you in finding the most suitable solution.
- **Moulds and prototypes:** Development of prototypes using our specific equipment and our unit dedicated to the production of technical parts.
- **Economic optimization:** The study of solutions adapted to your needs integrates the factors of quality, time and production costs.
- **R & D laboratory:** Brings its scientific expertise to the development of products: materials tests, measurement of physicochemical properties ... etc.

MANUFACTURING



- **Dipping:** It involves immersing the mould in baths to create a piece that, after drying and vulcanization, is demoulded.
- **Calendering:** The elastomer passes between two cylinders to be conformed to the desired thickness, and then vulcanized.
- **Injection:** The elastomer is heated then injected into a mould and vulcanized. The piece is then demoulded.
- **Compression:** The preform is placed in a mould and then compressed, vulcanized and demoulded.
- **Extrusion:** The heated elastomer is pushed through a die. A profile is formed continuously, solid or hollow.

CONTROL IN THREE STEPS



- 1 • **Incoming inspection** of raw materials and tools with verification of dimensions on plan via our production management software.
- 2 • **Control during production** of physicochemical parameters by the quality control laboratory and production parameters by the operators.
- 3 • **Control of the finished product**
Two types of checks can be made according to the customer's requirements: PIERCAN standard control or plan control. The following checks are carried out: 100% visual inspection, dimensional inspection, marking for total traceability.

PIERCAN around the world



Piercan US Office • Factory
San Diego

USA



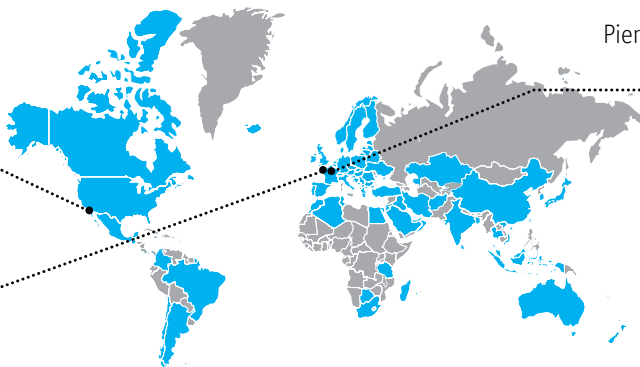
Piercan Commercial Management • Factory
Paris

France



Piercan Headquarter • Factory
Normandy

France



Piercan products are sold in more than 50 countries



A QUESTION OR IN NEED OF INFORMATION?

Please do not hesitate to contact our sales team by phone or email.
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