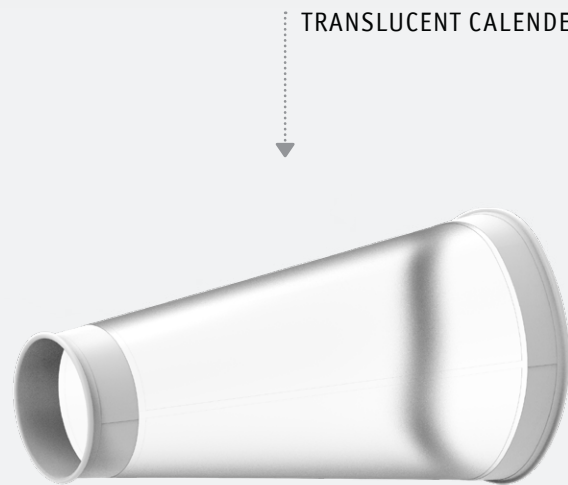
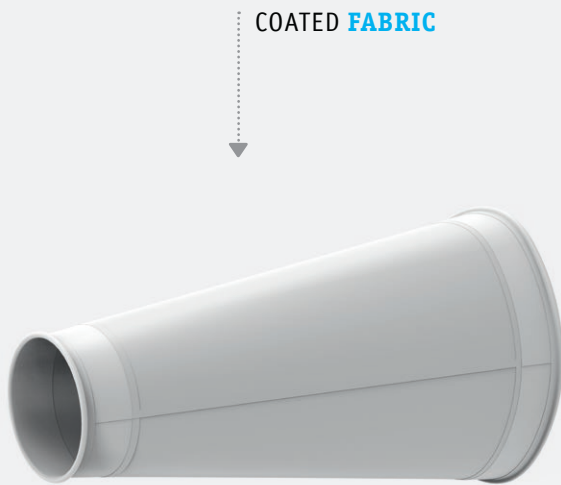


# Sleeves

With **flexibility** of manipulation and mobility,  
**protect** your products and operator





Two categories of materials

## The performance of PIERCAN Sleeves

The sleeve system is key to the handling process inside the isolator. Thanks to the flexible PVC material, PIERCAN sleeves provide the operator with great user comfort, ergonomics and freedom of movement. Dimensions and shapes can be customized to your needs.



**Great Flexibility**  
in use and  
manipulations



**Protection** of operators,  
safety of preparations and  
installations



**Effective Barrier**  
against pollutants  
and contaminants



**Compatible** with  
cleaning agents and  
surface decontamination

## Areas of Application



**HEALTH – PHARMACEUTICAL**



**HEALTH – HOSPITAL**



**VETERINARY**



**UNIVERSITY - RESEARCH**

# Sleeves: the options available according to the material

## Materials

LIGHT COATED FABRIC

HEAVY COATED FABRIC

CALENDERED PVC

### LIGHT COATED FABRIC

Flexible **polyester and polyvinyl chloride film**. Excellent flexibility, good mechanical protection and dexterity. Very good chemical resistance. Possibility of a PVC overlay to reinforce the watertightness and improve the chemical properties. Compatible with cleaning agents and disinfectants.

#### OPTIONS

- Sizes, lengths and diameters vary
- Various shapes: straight conical, conical oblique, ovoid
- Colors: white, yellow, blue, red

#### Dexterity



#### Mechanical properties



#### Temperature resistance



#### Price



### HEAVY COATED FABRIC

Flexible **polyester and polyvinyl chloride film**. Good flexibility, good mechanical protection and dexterity. Very good chemical resistance. Reinforced sealing thanks to a PVC overlay from lightweight coated fabric. Compatible with cleaning and disinfecting agents.

#### OPTIONS

- Sizes, lengths and diameters vary
- Various shapes: straight conic, oblique conic, ovoid
- Color: white, yellow

#### Flexibility



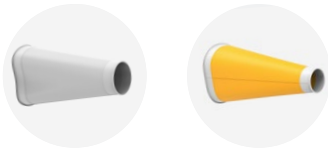
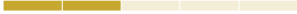
#### Mechanical properties



#### Chemical resistance



#### Price



### CALENDERED PVC

Flexible **polyvinylchloride** – PVC film, transformed by calendaring. Compatible with cleaning agents, decontamination and disinfection. Welds suitable for manipulations in glove boxes and isolators: resistant, flexible, smooth, elastic and waterproof.

#### OPTIONS

- Sizes, lengths and diameters vary
- Various shapes: straight conic, oblique conic, ovoid
- Color: translucent

#### Flexibility



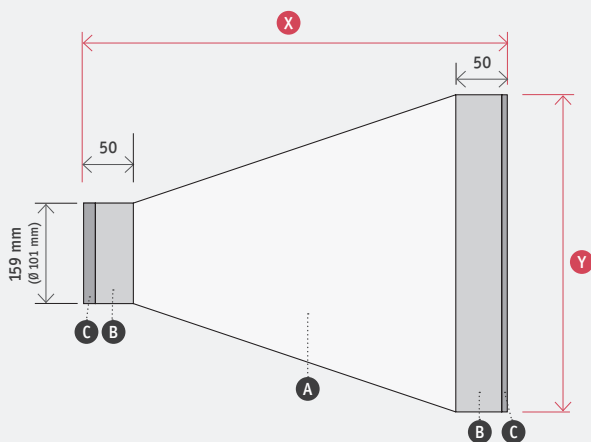
#### Mechanical properties



#### Chemical resistance



#### Price



A: Made of light or heavy coated fabric or translucent flexible calendered PVC

B: Flexible calendered PVC sheet or light or heavy coated fabric

C: Black rubber seal (not visible from the outside)

X: variable sleeve length

Y: variable shoulder ring diameter





# From the design to the realized part of sleeves

From the start of your project, PIERCAN brings you the right solution, via a controlled process – design, manufacturing, control – where quality is at the core of all processes.

## THE DESIGN



### • Engineering Office

Analyzes your requests and accompanies you in the search for the most suitable solution including choice of material, product development, and prototyping.

### • Economic Optimization

The study of solutions integrates both quality factors, time and production costs, thus facilitating economic optimization of your project.

## MANUFACTURING



### • Cut

Scissors with circular blades and vibrating blades are used for semi-automatic cutting (unit cut to pattern, mattress format or a template).

### • Weld

Made by high frequency welding which guarantees a perfect seal of the assemblies.

### • Properties

Compatible with cleaning agents, decontamination and disinfection.

## CONTROL IN THREE STEPS



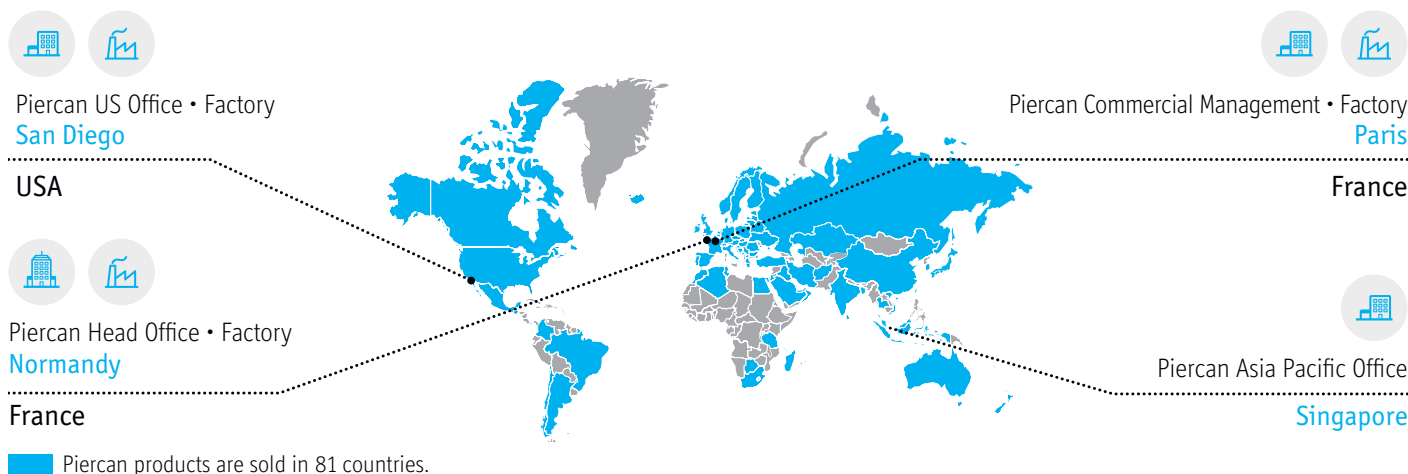
**1 • Incoming inspection** of raw materials and tools with verification of design dimensions via our production management software.

**2 • Control during production** of physio-chemical parameters by the quality control laboratory and production parameters by the operators.

### 3 • Control of the finished product

- Sealing control
- Weld control
- Marking allowing the identification of the controlled part for total traceability.

## PIERCAN around the world



### A QUESTION OR IN NEED OF INFORMATION?

Please do not hesitate to contact our sales team by phone or email.  
Piercan's services and products are only one call away:



**Telephone** +33 (0)1 45 88 66 27 (FR)  
+1 (760) 599 4543 (USA)



**E-mail** piercan@piercan.com



### PIERCAN FRANCE

17-23 Rue Marcel Dassault - ZAE Marcel Dassault  
93140 BONDY - FRANCE  
T +33 (0)1 45 88 66 27 - F +33 (0)1 45 80 98 30  
piercan@piercan.com | [www.piercan.com](http://www.piercan.com)

### PIERCAN USA, INC.

160 Bosstick Blvd  
92069 SAN MARCOS, CA - USA  
T +1 (760) 599 4543  
piercan@piercan.com | [www.piercan.com](http://www.piercan.com)

