

Important information concerning recycling and disposal

Let's keep the oceans blue,
the planet green,
and the air pure.



If you care, too... please help by following those recommendations !

BIAR is fully committed to limiting the environmental footprint of its products throughout their complete life cycle. The operation, maintenance and the recycling of the equipment is the responsibility of the user, whom we would like to give the following recommendations.

Beware : Always carry out recycling and disposal according to your local legislation and recommendations. Please follow the best environmental practices even where local regulations are lacking.

1. Recycling of the packing materials

Our modern packing methods favor the use of cardboard, which is easy to recycle or eliminate. However, for adequate protection of your new sampling systems during shipping and handling, a limited use of plastic materials is unavoidable. Always sort and dispose of the individual packing materials appropriately.



| | Recycling | Incinerator | Landfill | Notes (!) |
|--------------------------------|-----------|-------------|----------|--|
| Cardboard packaging | | | | The plastic packaging tape applied on the cardboard boxes isn't biodegradable and must in no way end up in a landfill. |
| Packaging tape (PVC) | | | | |
| Strapping band (PP) | | | | |
| Plastic film (LLDPE) | | | | |
| Bubble wrap (PE) | | | | |
| Packing peanuts (plant starch) | | | | |
| Flange protectors (PE) | | | | |

2. Making use of our sampling systems to protect the environment

The best-in-class reliability and durability of our sampling systems help you mitigate the impact of your industrial activity on the environment.

Our sampling valves are precise and easy to operate. Always consider collecting only the minimum quantity of chemical that you need. This limits the waste of toxic or harmful mediums.

Regular maintenance will extend the service life of the valve, thus saving the valuable resources that would be required to manufacture new equipment. Our valves are easy and cost-effective to service. We assure the availability of spare parts for a long time.



3. Recycling of the equipment at the end of its useful service life

Our standard valves are made of stainless steel and are therefore 99% recyclable as metal waste.

The device might have been in contact with a toxic or harmful medium. Before proceeding to recycling, always carry out the required decontamination and cleaning operations.

Dismantle the device for part sorting. Some of the dismantled parts might individually require decontamination and cleaning to eliminate any trace of toxic or harmful medium.

PFA-lined components must be stripped of their PFA lining. Make sure that any PFA material has been removed before sending the stainless steel alloys to the metal recycling facility.

Sort the individual parts by materials of construction. Refer to the drawing and the parts list to identify the material of construction.



| | Recycling | Incinerator | Landfill | Notes (!) |
|------------------------------|-----------|-------------|----------|--|
| Stainless steel, alloys | | | | |
| PFA, PTFE, FEP, PVDF | | | | Fluoropolymers shall only be incinerated in a special incinerator above 800°C with alkaline solution wet scrubbing. |
| PP | | | | |
| Peek | | | | |
| Duroplast (PF) | | | | |
| FKM (Viton) FFKM (Kalrez) | | | | Fluoroelastomers shall only be eliminated in a special incinerator above 800°C with alkaline solution wet scrubbing. |
| EPDM | | | | |
| Borosilicate glass | | | | |
| Safety glass (glass/PVB) | | | | |



Very good alternative.
The recycling channels are well known and widely available.



Good alternative.
A specific recycling process is required. A specialized facility shall be entrusted.



Acceptable.
There is better alternative.



Not so good.
Seek a better alternative if possible.



Do not proceed !
Can be detrimental to the environment.