IBC SLX 1400 is intended to contain liquids with a maximum density of 1.4.

- IBC SLX 1400 is suitable for storage, handling and transportation of chemicals products, foodstuffs. IBC SLX 1400 optimizes, storage, handling, and transportation of your products compared to other packaging.
- IBC SLX 1400 is equipped with a 1000 litres high density polyethylene (HDPE) bottle, made by extrusion blow moulding, with one (1) valve screwed into the bottom outlet, on one (1) pallet and maintained by one (1) protective wire cage. Standard bottle colour, translucent. Specific bottle colours for UV protection, white.

**MARKING PLATE**

| Raw material | Galvanised steel |
| Remarks | - Standard version one (1) standard fitted on the front, additional marking plates are optional.  
- UN version, standard or large marking plate fitted on front and on the back of the IBC, additional marking plates are optional.  
- Front marking plate with a traceability and UN label. Bar code type EAN 13 available.  

**PROTECTIVE WIRE CAGE**

| Colour | Silver grey |
| Remark | - Anti corrosion treatment, coated with oven polymerised epoxy polyester.  

**BOTTOM OUTLET**

| Valve | 2" valve |
| Valve cap | Valve protection gate (optional) |
| Raw material | HDPE |
| Colour | White or black for UV protection |

**MARKINGS ON THE BOTTLE**

- Components of XXI 2" valve, by SOTRALENTZ Packaging.
- SOTRALENTZ Packaging valves brochure, available on: www.sotralentz.com

- **MARKINGS ON THE BOTTLE**

**BOTTLE CAP**

| Colour | Black |

**CORNERS PROTECTORS**

- Only for UN IBC

- **PALLET**

| Raw material | Metal | Plastic | Wood |
| Rackable, stackable, interstackable | yes | yes | yes |
| Perimetric | yes | available soon | no |
| Non-perimetric | available soon | yes | yes |
| Raw material | HDPE | wood |
| Manufacturing process | stamped and welded |

**PALLETS**

- Wooden pallet, heat treatment IPPC 15 available.

**Recommended maximum stacking for filling IBC’s**

- 2 on 1 in static load
- 1 on 1 in dynamic load
- 1 in dynamic load

**SOTRALENTZ RECYCLING SERVICE**

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Patented packaging. See use guidelines on back of sheet.  

Sotralentz 04.2005
Instructions for use IBC(1) SLX from SOTRALENTZ Packaging

How to choose a IBC SLX from SOTRALENTZ Packaging?

✓ SOTRALENTZ Packaging can advise the customer taking into account the type of product to be packed, the way, the IBC’s needs to be stored, handled, and transported…
✓ The compatibility of the product with the packaging is the filler’s responsibility. They must verify whether the packaging is compatible with the product, the closures and the seals. See the SOTRALENTZ Packaging valves brochure.
✓ The density of the product determines the maximum stacking height, the way of handling and also the weight of the packaging. Especially when the density is higher than 1.2, special precautions need to be taken when stacking. See the IBC SLX technical sheets.

1. Storing an empty IBC.
✓ Keep away from sparks and heat sources like hot pipes, hot tanks, radiators…
✓ Stock in clean and non-contaminated environments.
✓ For longer periods, do not store outside or exposed to UV light.

2. Filling a IBC.
✓ Avoid damaging the packaging, especially the closure, with the filling equipment.
✓ The closures need to be tightened to the correct torque as prescribed by the manufacturer.
✓ Do not re-use venting closures.

3. Hot filling a IBC.
✓ For short periods (a few hours) temperatures up to 80° Celsius can be reached during filling without effecting the mechanical characteristics of the package. In case of longer periods do not exceed 60°Celsius.
✓ Check the compatibility of the product with the packages heating above 25° Celsius. As this may have a negative effect on certain products with regard to compatibility with polyethylene.
✓ After filling, leave the IBC open until the product temperature equals the ambient temperature, or use a balance venting closure.

4. Handling, storing and transport of filled IBC.
✓ Use only appropriate handling equipment. Don’t use an hand stacker pallet truck for IBC SLX intended with perimetric pallet. If in doubt, please contact use.
✓ Stack on smooth and levelled surfaces adapted to carry the weight of the filled IBC’s.
✓ Verify that the end-user has all the vital information regarding to handling and especially the maximum stacking height. See the IBC SLX technical sheets.
✓ During transport and particularly when the IBC’s are stacked, they should be secured in the truck or in the ISO containers.
✓ IBC SLX equipped with an interstackable wooden pallet has to be stacked correctly on the bottom mesh.
✓ The weight of an IBC with a wooden pallet can change in a humidity environment.
✓ When a specific emptying system is fixed on to the valve, special precautions need to be taken to ensure that damage to the bottom outlet does not occur.
✓ The storage temperature of a IBC should not be less than -40° Celsius or greater than 60°Celsius.

5. UN-markings and homologations.
✓ The UN-marking certifies the IBC conformity to the UN-recommendations and regulations (RID/ADR, IMDG) for the transport of dangerous goods.
✓ For a UN IBC an inspection has to be made 30 months at least after the manufacture date, present on the UN marking.
✓ For IBC’s that are used for multi-trips, SOTRALENTZ Packaging recommends to change the valve after each trip.
✓ The level of homologation (density, packaging group, hydraulic pressure) mentioned in the UN-marking refers to products chemically assimilable to water. In general, for the other standard liquids the performance level will be lower. See the UN-certificate.
✓ The hydraulic pressure value in the UN-marking corresponds with the pressure against which the packaging resists for a maximum period of 10 minutes. However this hydraulic pressure value can not be used as a reference for emptying the IBC under pressure.
✓ The nominal capacity of a IBC is given by a marking on the bottle in litres and US gallons. These values can’t be used for commercial transaction.
✓ Another important markings figure on the bottle at the top of the bottom outlet : Manufacture date, serial number of the bottle, serial number of the IBC and the logos ; “PEHD”, “SOTRALENTZ”, “ECOFUT”. Serial number on the valve body.

IBC : Intermediate Bulk Container

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