

SPIRAL DUCTS PACKING AND SECURING



STANDARD PACKING

Air ducts loaded in BULK - trailer stanchions protected with cardboard (uprights connecting the roof with the floor), no spacers between the layers, ducts can be bundled by inserting them one into another – up to three duct diameters, depending on the thickness of the sheet metal they are made of (condition: Customer's approval).

Ducts sets in MOBIL-RACKS - covered with two layers of stretch foil. Pipes can be inserted one into another, up to three pipe diameters. During the loading, cardboard spacers are inserted between MOBIL-RACKS



Ducts loading in bulk (left) and in the WOOD-FRAME-BOX rack (right).



SPIRAL ducts loading in MOBILE-RACKS.
Note! Rental deposit for racks is charged.



Ducts bundling – one into another, up to three duct diameters.

PROTECTIONS

As a standard protection, spiral ducts made of **stainless steel** and **aluminum** sheet metal are protected over their entire length with stretch foil. On Customer's request, ducts may be not stretch wrapped. In case of wool insulated ducts, their ends will be protected with stretch foil (from insulation thickness of 25 mm upwards). Foam rubber insulated ducts – fully protected with stretch foil.



ADDITIONAL PACKING OPTIONS

- Vertical loading of **SPIRAL ducts** – maximum height of 290 cm.
- Duct edges protection
- In case of very long **SPIRAL pipes**, in order to maintain pipe stiffness, several pipes will be bound together.
- **WOOD-BOX crates and custom racking** made of wood. Due to their robust design, the crates can be stacked and cardboard boxes with fittings can be placed on top of them.
- Additionally, in the case of sea transport moisture absorbers may be added.



SPIRAL ducts vertical loading.



Duct edges protection.



Long SPIRAL ducts bound together.



WOOD-BOX crates for sea transport.



Custom racks design.



Moisture absorber.

ADDITIONAL PROTECTION OPTIONS

- **Inflatable expansion bags** protecting products against movement.
- Various duct plugging methods: CS-PVC caps, CS-FOIL, or stretch foil



Inflatable expansion bags.



Stretch foil caps (left) /
CS-FOIL caps (right).



CS-PVC duct plugs.

ADDITIONAL OPTIONS HIGHLIGHTS

Round SPIRAL pipes bundling in MOBIL-RACKs significantly reduces the loading and unloading times. Loading and unloading can be carried out more efficiently and faster using a forklift truck. Speeding up and facilitating qualitative and quantitative products checking. Each set can contain 1 to 3 duct diameters in the same quantity.

Pipes in MOBIL-RACKs are easier to store as racks can be stacked.

Air ducts are protected with stretch foil to prevent dust ingress and to prevent the ducts from sliding out.

WOOD-BOX crates are intended for round SPIRAL air ducts transport. They are used for pipes with diameters ranging from 80 to 250 mm, 3 of which may be inserted one into another to save space. Due to their robust design, crates can be stacked and cardboard boxes with ventilation fittings can be placed on top of them.

Boxes made of fumigated wood are particularly suitable for inter-continental (sea) transport and for shipping containers loading. The only limitation is the inability to stack the boxes.

