

Connflex®-Containers (FTS)

Connflex®-Containers with outstanding discharging properties for the use in the pharmaceutical- the chemical and food industries

Due to the simple and modular applicable discharge aids our **Connflex®-Containers** are also suitable for powders with poor fluidity and bridging bulk solids.

Discharging Properties

Unlike containers with rigid walls on **Connflex®-Containers** no counter bearings exist to allow bridging. Thereby almost all bulk solids can be discharged reliably by the use of additional discharge aids. Very often the tilting of the container by 180° is sufficient. Thus the bulk solid will be loosening up already. Mostly the discharging can be ensured by vibrating the vibrating plate. Even the discharging of products with a poor fluidity can be guaranteed like this.

Vibrating

The vibrations will be transferred to the whole product and the container itself when vibrating containers with rigid walls. This leads beside other disadvantages to an extra compaction of the bulk solid. Only the outlet cone of the **Connflex®-Containers** will be vibrated if necessary – so where the backlog accrue. The oscillations will not be forwarded to the rest of the container and take effect where needed, on the most narrow part of the container.

Pushing

To ensure the discharging of products with very poor fluidity the bridging can be broken with a therefore engineered pusher system. The discharging will be assured by all means.



filling



emptying



Combined Filling and Discharging Opening

The Flexible Containers are filled and discharged through a single, combined opening. Using a special container tilting device or using a forklift equipped with a turnover device the container can be turned from the filling and storage position into the discharging position.

Advantages

- ✔ Excellent discharge behavior also with difficult fluid bulk materials
- ✔ One passive-valve needed per Container only
- ✔ No dead storage loss through angle of repose, better exploitation of the capacity, less containers needed
- ✔ Breaking and loosening up of compacted material when turning the container over, better discharging properties
- ✔ GMP and FDA-compliant transition from fabric to discharging cone

Properties

- ▶ Discharge cone patented + EU-Pat. Nr. 2228323 +
- ▶ Capacity 500 l -2'000 l
- ▶ Frame made of coated steel or stainless steel
- ▶ Dimensions on customer requirement
- ▶ Cleanable in washing machine
- ▶ Permanent temperature 60 to 70 °C
- ▶ Discharging with vibrating plate without compacting the product
- ▶ Discharging cone in stainless steel, Hastelloy or titanium
- ▶ Use of pusher system possible
- ▶ Discharge with passive discharge flap linked
- ▶ Accurate manufacturing for automatic operation
- ▶ High tensile, low-shrinkage Polyester core fabric
- ▶ Coated with Polyurethane (PU), FDA-approved
- ▶ discharge capacity / for application Ex-Zone 0 , 1, 2 und 20, 21, 22
- ▶ Water and gastight