



*Filling Connection
Cabinet*

*to prevent false filling
and to secure filling lines*



Protection of connection couplings of filling pipes

In order to avoid waiting times of tank trucks for filling storage tanks, the connection couplings of filling pipes are located usually at easily accessible places as e.g. outer walls of buildings. There, these couplings are accessible also to unauthorized persons, and when tank vehicles are being evacuated there is the risk to confuse the filling couplings. Such risks can be excluded definitively by installing filling connection cabinets.

Filling connection cabinets protect the connection couplings

There are three different types. The cabinets are available in chemical resistant material as GRP, PVC and PE and they have one door equipped with a lock to be operated by a socket key.

Depending on the size of couplings and type of cabinet, up to three filling couplings may be housed in one cabinet, provided that the media will not react with each other.

Chemicals dripping when uncoupling the filling connections, are collected in a sump with discharge valve installed at the bottom of the cabinet.

Each cabinet will be delivered with an identification plate of the chemical medium.

Note:

Important: when deciding for a filling connection cabinet of PVC do not expose it to direct sunlight. If media reacting with each other are concerned, each filling coupling must be housed in a separate cabinet.

The connection of the pipe system into the cabinet is made usually by a glued sleeve entering from the top or the rear.

Option:

- Additional couplings for compressed air and water are available upon request.
- If installed freely, a special support structure can be supplied for the filling coupling cabinet.

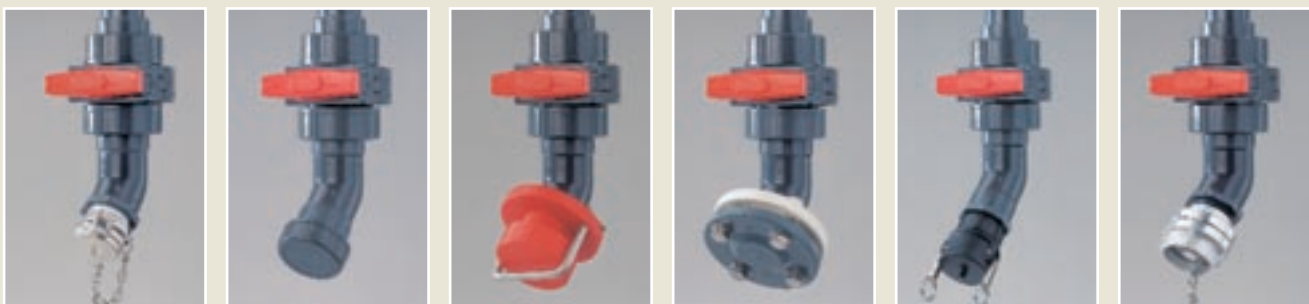
Dimensions available: (height x width x depth)

GRP	600 x 400 x 250 mm
GRP	600 x 800 x 300 mm
PVC	1.000 x 1.000 x 400 mm
PE	950 x 720 x 480 mm
PE	1.200 x 800 x 580 mm

Connecting couplings:

Please refer to data sheet. Manual and electro-pneumatic fittings are available in different materials, stainless steel included.

Type of Connections:	V4A	V4A/ECTFE	PVC	GRP	PP	Aluminium
Tank truck coupling 2" or 3" DIN 28450	X	X				
Threaded joint type GF			X			
Left-hand threaded coupling 2"			X			
Flange connection				X		
Kamlock coupling DIN 2828					X	
Fixed coupling system Storz (FW-C)						X



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