

Equipment for the transfer of DEF urea solution must provide high media purity over the whole transport chain – from the producer to the vehicle tank. Contaminated urea solution not complying with ISO 22241-1 can lead to damages in the SCR catalysator and hence to costly claims.

Operators also require that the used equipment works reliably, and without the danger of misfuelling.

The ELAFLEX product range for DEF meets these requirements.

For bulk refueling of DEF we recommend **UTL** or **UTS** tanker hoses. The lining of ultra high molecular weight (UPE) guarantees high media purity.

End fittings should be of stainless steel, for example **VX 50-2" SS** coupling with BSP male thread and Spannfix safety clamp, working pressure PN 16.

For the fast filling of storage tanks or IBC containers (schematic illustrations, see overleaf) Dry Disconnect Couplings as the shown **DDC-M 50-2" SS** have proven their value. Made of stainless steel, with EPDM seals, they safeguard a quick and clean connection without spill – either under pressure or with gravity flow from the tank truck.

Depending on the hose and space requirements, we supply **Hose Reels (HR)** for DEF refueling as a complete customized package with our universal tank hoses UTS or UTL, couplings or nozzles.

For heavy vehicle refilling the **ZVA AdBlue HV** is used. To protect against misfilling, the dispensing of urea solution is only possible with magnet adapters like **ELAFIX 40**. As a hose connection we recommend using with swivel **EA 075 A** or Safety Swivel Break **SSB 16 SS**.

Pump hose types **Slimline 16 AdBlue UL** together with 1" female BSP stainless steel end fittings ensure purity of the medium and hassle-free refilling of heavy vehicles.



DDC-M 50 -2" SS

UTL 50 (2")

VX 50-2" SS



UTS 50
Hose Reel



ZVA AdBlue HV
for refilling of
trucks

Slimline 16 AdBlue UL
pump hose

SSB 16 SS
Safety Swivel Break



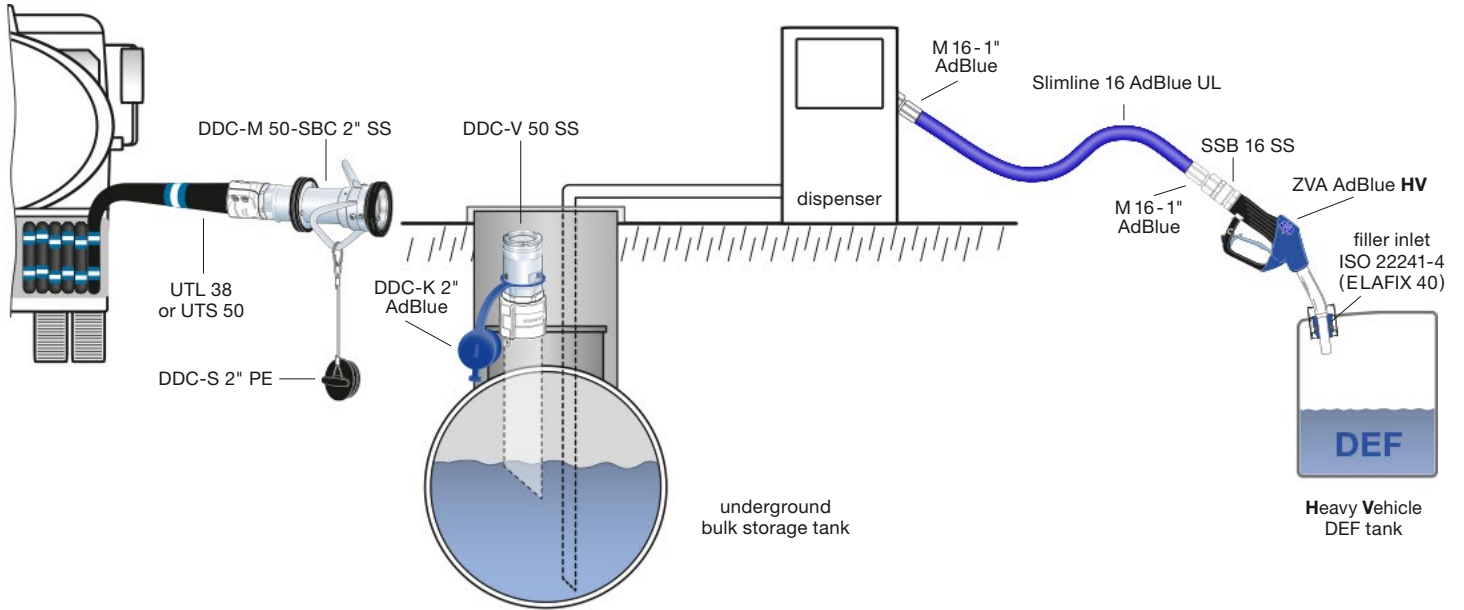
2" and 3" DDC,
male or female
(coding for misfuelling
prevention possible)

ELAFIX 40
Magnet Adapter

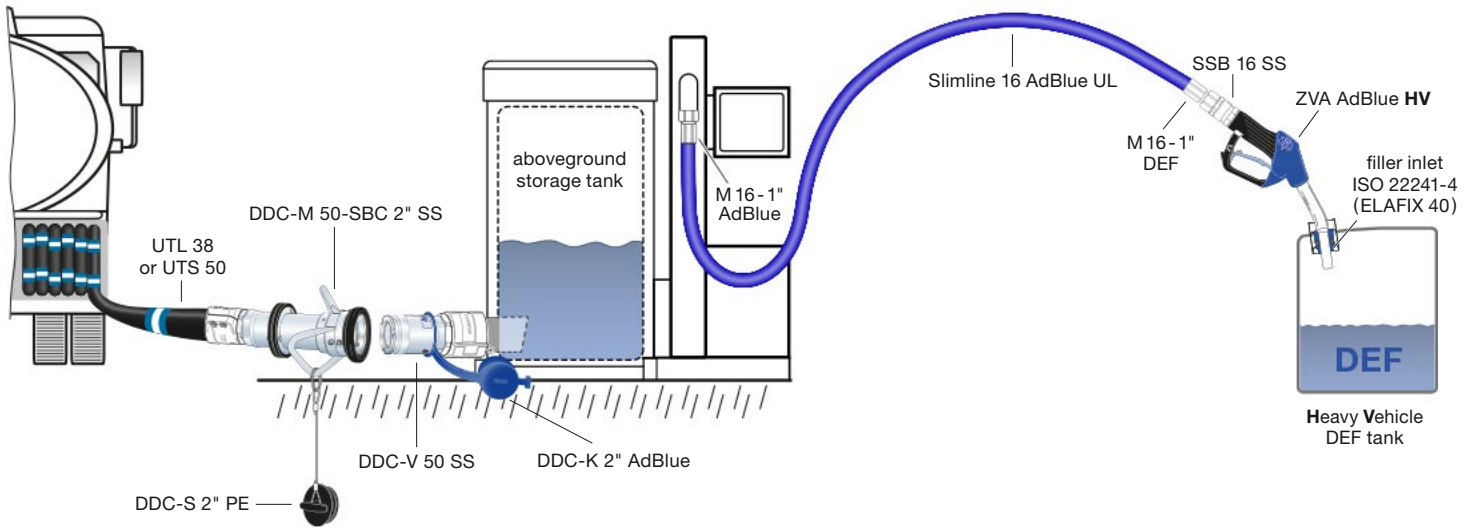
ELAFIX 40
Anti-Siphon
(special type)

Professional Storage and Dispensing of Urea Solution

Option 1 - for petrol stations with DEF underground storage tank and dispenser.



Option 2 - for petrol stations with DEF aboveground storage tank and dispenser.



Option 3 - for truck depots and other non-public sites, small or intermediate size containers with barrel pumps.

