

Equipment for the transfer of AdBlue® 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 AdBlue® meets these requirements.

For bulk refuelling of AdBlue® 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.

The **ZVA LV for AdBlue®** is suitable for the refilling of Diesel passenger cars and transporters < 3,5 t ('Light Vehicles'). To protect against misfilling into the diesel tank, dispensing of urea solution is only possible in conjunction with filling points to ISO 22241-5. The nozzle is preferably chosen with swivel **EA 075 LV** or Safety Swivel Break **SSB 16 LV**.

For heavy vehicle refilling the **ZVA HV for AdBlue®** 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 for AdBlue®** with black or blue cover and **EFL 16** together with 1" female BSP stainless steel end fittings ensure purity of the medium and hassle-free refilling of vehicles.

ELAFLEX Catalogue, Reference

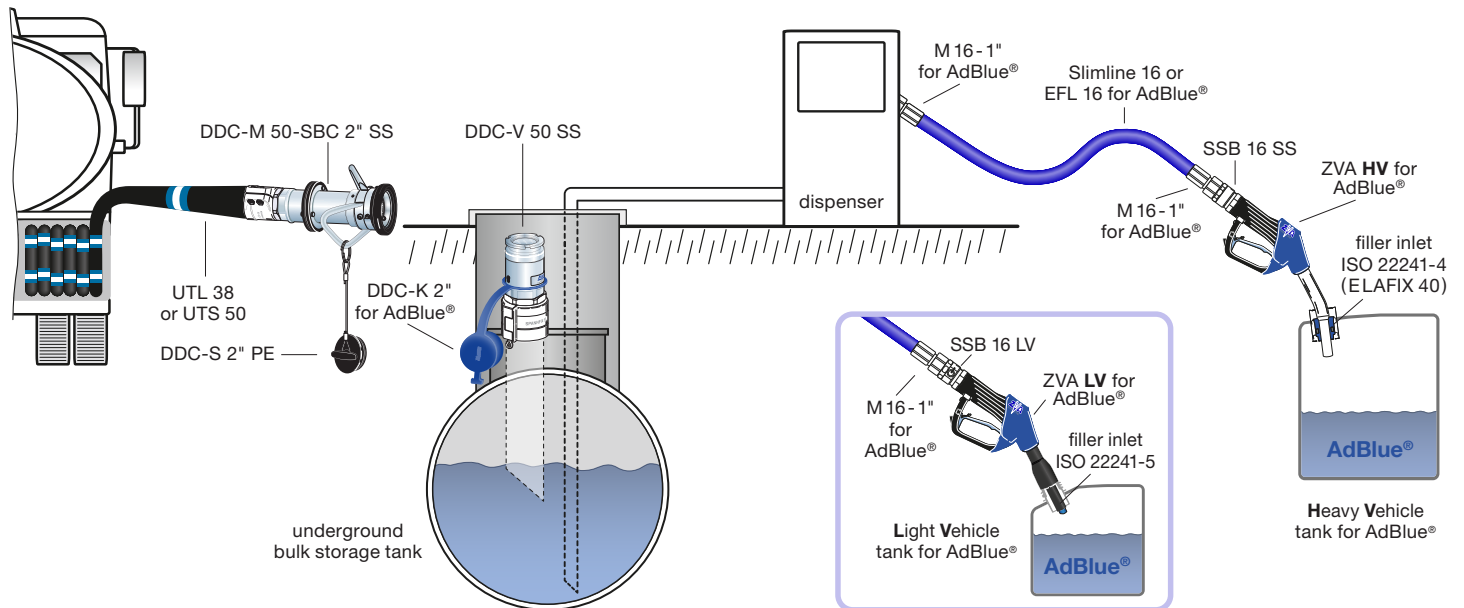
UTL / UTS hose:	page 121a
Hose Couplings:	pages 221-229
DDC Dry Disconnect Couplings:	pages 345-347
ZVA LV for AdBlue® nozzle & accessories:	Information 1.16 E
ZVA HV for AdBlue® nozzle & accessories:	page 521

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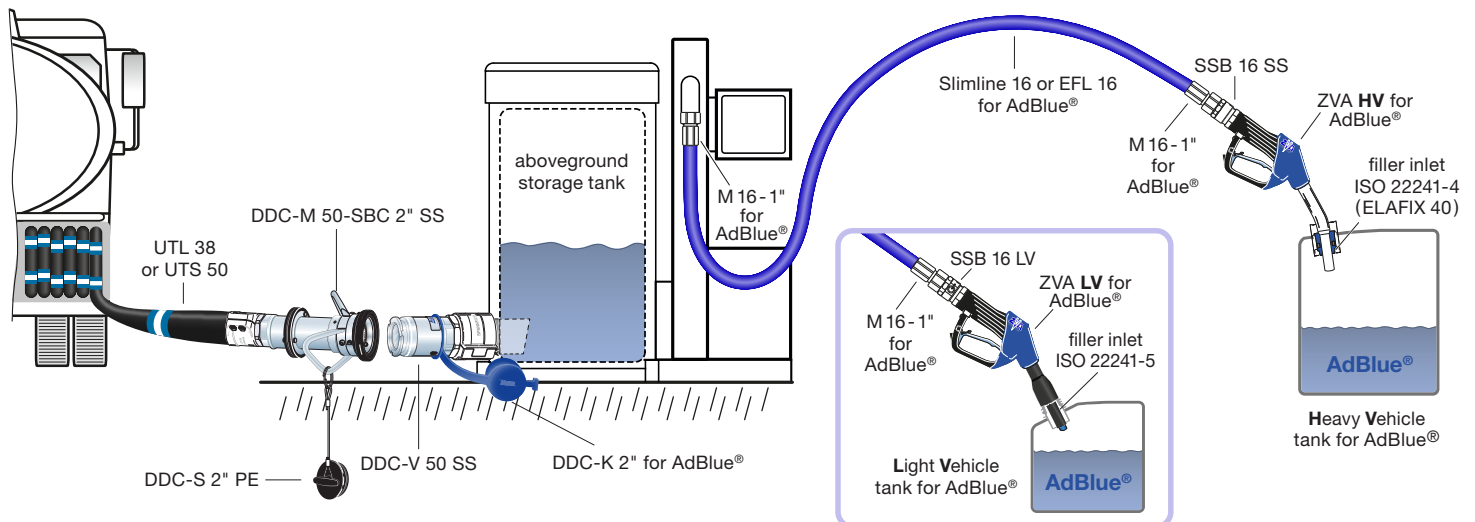


Professional Storage and Dispensing of Urea Solution

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



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



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

