



HYDRO

DUCPUR – For water and wastewater

New areas of application with zinc-aluminium outside coating



ZEROWATERLOSS
vonroll-hydro.world

DUCPUR – All-rounder with optimised performance

ZERO WATER LOSS – thanks to the improved outside coating with a zinc-aluminium alloy of 400 g/m².

Increases durability whilst simultaneously opening up new areas of application.

Active corrosion protection system with self-healing effect thanks to zinc reaction products and the antibacterial effect of zinc salts.

Increasing the total mass of zinc to 400 g/m² and the aluminium content to 15% further extends the expected technical operating life.

Thanks to an increase in quality in accordance with EN 545 and EN 598, DUCPUR pipes with a zinc-aluminium coating can now be installed in most types of ground.

A PUR lining with a layer thickness of 1.3–1.5 mm is suitable for use with all water types, including low-lime or lime-dissolving water types and industrial wastewater with pH values of 1 to 14.

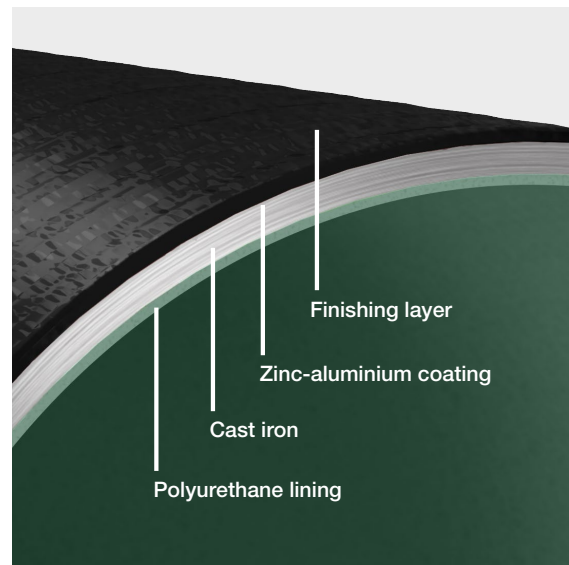
The minimal wall roughness of $k = 0.0014$ mm (in accordance with SVGW W4), coupled with the largest possible nominal internal diameter, guarantees maximum hydraulic capacity. A welcome side-effect of this is that DUCPUR ensures minimum pressure losses and reduces pumping costs.

DUCPUR – Benefits at a glance

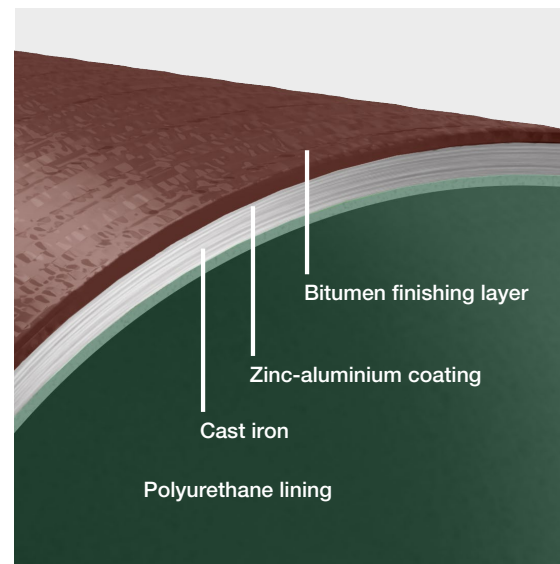
- ZERO WATER LOSS for drinking water and drainage systems
- Improved active corrosion protection, can be used in most types of ground
- With optimised operating life
- Ideal hydraulic properties for minimum pressure losses
- Reduces the energy consumption of pumps
- Best possible drag force with few gradients
- Resistant to root penetration

Use

- Municipal drinking water supply and wastewater disposal
- Turbine pressure pipes in power plant construction
- Energy networks (district heating/cooling)
- Industry and mining



Water supply



Wastewater disposal

Socket joint technologies

HYDROTIGHT push-in socket with double chamber

Standard for DN 80 to DN 400 mm

Version with longitudinal non-positive locking:
With HYDROTIGHT thrust resistance
(frictional locking)



Fig. 2807 internal

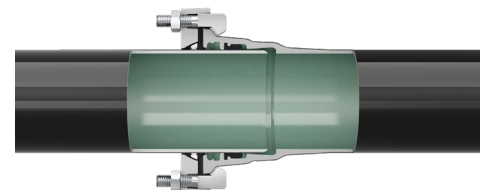


Fig. 2806 external

BLS push-in socket with double chamber

Standard for DN 500 to DN 700 mm

Version with longitudinal non-positive locking:
With BLS thrust-resisting rings
(positive locking)



DN 500



DN 600 / 700

The socket joint technologies from the vonRoll hydro Group are suitable for diverse areas of use and ensure maximum operating safety – particularly for high-performance applications.

Other versions and applications on request.



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DUKTUS



KEULA



ALTECNO

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